

GenCore version 5.1.4 p5 4578
Copyright (c) 1993 - 2003 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: April 22, 2003, 15:33:52 ; Search time 26 Seconds
(without alignments)
3084.997 Million cell updates/sec

Title: US-10-046-433-40

Perfect score: 1001

Sequences: 1 MABGSHSLARVRGRTER.....LGRSNHLPRLGLMLDTQCR 1001

Scoring table:

Gapop 60.0 , Gaepext 60.0

Searched: 301932 seqs, 80129803 residues

Word size : 0

Total number of hits satisfying chosen parameters: 301932

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 150 summaries

Database :

Published Applications_AA.*
1: /cgn2_6/ptodata/1/pubppa/US08_NEW_PUB.pep.*
2: /cgn2_6/ptodata/1/pubppa/PCT_NEW_PUB.pep.*
3: /cgn2_6/ptodata/1/pubppa/US06_NEW_PUB.pep.*
4: /cgn2_6/ptodata/1/pubppa/US07_NEW_PUB.pep.*
5: /cgn2_6/ptodata/1/pubppa/US07_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubppa/US07_PUBCOMB.pep.*
7: /cgn2_6/ptodata/1/pubppa/US07_PUBCOMB.pep.*
8: /cgn2_6/ptodata/1/pubppa/US08_PUBCOMB.pep.*
9: /cgn2_6/ptodata/1/pubppa/US09_NEW_PUB.pep.*
10: /cgn2_6/ptodata/1/pubppa/US05_PUBCOMB.pep.*
11: /cgn2_6/ptodata/1/pubppa/US10_PUBCOMB.pep.*
12: /cgn2_6/ptodata/1/pubppa/US10_PUBCOMB.pep.*
13: /cgn2_6/ptodata/1/pubppa/US60_NEW_PUB.pep.*
14: /cgn2_6/ptodata/1/pubppa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	708	70.7	1013	9	US-10-028-072-38
2	708	70.7	1013	9	US-10-121-049-38
3	708	70.7	1013	9	US-10-123-904-38
4	708	70.7	1013	9	US-10-140-470-38
5	708	70.7	1013	9	US-10-175-746-38
6	708	70.7	1013	9	US-10-176-918-38
7	708	70.7	1013	9	US-10-176-921-38
8	708	70.7	1013	9	US-10-137-865-38
9	708	70.7	1013	9	US-10-140-474-38
10	708	70.7	1013	9	US-10-142-431-38
11	708	70.7	1013	9	US-10-143-114-38
12	708	70.7	1013	9	US-10-140-002-38
13	708	70.7	1013	9	US-10-142-419-38
14	708	70.7	1013	9	US-10-123-262-38
15	708	70.7	1013	9	US-10-142-423-38
16	708	70.7	1013	9	US-10-121-050-38
17	708	70.7	1013	9	US-10-141-755-38
18	708	70.7	1013	9	US-10-143-032-38
19	708	70.7	1013	9	US-10-123-108-38
20	708	70.7	1013	9	US-10-123-236-38
21	708	70.7	1013	9	US-10-123-261-38
22	708	70.7	1013	9	US-10-140-921-38
23	708	70.7	1013	9	US-10-140-928-38
24	708	70.7	1013	9	US-10-121-045-38
25	708	70.7	1013	9	US-10-123-292-38
26	708	70.7	1013	9	US-10-123-903-38
27	708	70.7	1013	9	US-10-124-819-38
28	708	70.7	1013	9	US-10-124-822-38
29	708	70.7	1013	9	US-10-140-925-38
30	708	70.7	1013	9	US-10-160-498-38
31	708	70.7	1013	9	US-09-925-299-982
32	150	15.0	208	10	US-09-925-299-982
33	21	2.1	1027	9	US-10-140-164-4
34	15	1.5	411	9	US-10-002-050-10
35	15	1.5	411	9	US-10-002-304-10
36	15	1.5	411	12	US-10-003-152-10
37	15	1.5	464	9	US-10-002-050-20
38	15	1.5	464	9	US-10-002-304-20
39	15	1.5	464	12	US-10-003-152-20
40	15	1.5	963	9	US-10-140-164-2
41	14	1.4	50	10	US-09-864-761-39644
42	14	1.4	78	9	US-10-140-164-36
43	14	1.4	78	9	US-10-140-164-65
44	14	1.4	32	10	US-09-864-761-39194
45	9	0.9	519	10	US-09-925-300-1680
46	8	0.8	8	9	US-10-140-164-28
47	8	0.8	8	9	US-10-140-164-57
48	8	0.8	60	10	US-09-864-761-39057
49	8	0.8	64	10	US-09-864-761-47095
50	8	0.8	74	9	US-10-140-164-32
51	8	0.8	74	9	US-10-140-164-61
52	7	0.7	49	9	US-09-798-889-77
53	7	0.7	93	10	US-09-864-761-38905
54	7	0.7	168	9	US-09-798-889-51
55	7	0.7	229	10	US-09-893-737-318
56	7	0.7	261	9	US-10-043-487-379
57	7	0.7	272	9	US-09-738-626-6417
58	7	0.7	316	10	US-09-961-679-4
59	7	0.7	353	10	US-09-961-679-6
60	7	0.7	362	10	US-09-925-301-1000
61	7	0.7	382	10	US-09-893-737-36
62	7	0.7	392	9	US-09-738-626-6481
63	7	0.7	392	10	US-09-745-763-19
64	7	0.7	515	10	US-09-970-711-8
65	7	0.7	603	10	US-09-961-679-2
66	7	0.7	1272	9	US-10-118-5134-2
67	7	0.7	1272	9	US-10-118-5134-8
68	7	0.7	2243	9	US-10-118-5134-12
69	7	0.7	2549	9	US-09-950-634-3
70	6	0.6	12	10	US-09-791-378-132
71	6	0.6	14	9	US-09-965-536A-41
72	6	0.6	17	9	US-10-012-140-49
73	6	0.6	18	10	US-09-864-761-34785
74	6	0.6	20	10	US-09-865-553-6
75	6	0.6	23	10	US-09-864-761-42677
76	6	0.6	31	9	US-09-974-879-445
77	6	0.6	32	9	US-10-174-410-261
78	6	0.6	34	9	US-09-764-904-52
79	6	0.6	34	10	US-10-091-548-52
80	6	0.6	34	10	US-09-764-860-570
81	6	0.6	38	9	US-09-966-480-421
82	6	0.6	41	9	US-09-883-943A-23
83	6	0.6	42	10	US-09-864-761-35525
84	6	0.6	42	10	US-09-864-761-38766
85	6	0.6	44	9	US-09-764-868-1229
86	6	0.6	44	10	US-09-864-761-48866
87	6	0.6	45	10	US-09-925-297-641
88	6	0.6	45	10	US-09-864-761-38759
89	6	0.6	46	10	US-09-864-761-35830
90	6	0.6	50	10	US-09-864-761-47976
91	6	0.6	51	10	US-09-864-761-40434
92	6	0.6	51	10	US-09-864-761-40434

93 6 0.6 53 10 US-09-864-761-43095 Sequence 43095, A
94 6 0.6 53 10 US-09-864-761-44361 Sequence 44361, A
95 6 0.6 54 10 US-09-864-761-44370 Sequence 44370, A
96 6 0.6 55 10 US-09-864-761-39873 Sequence 39873, A
97 6 0.6 56 9 US-10-114-893-131 Sequence 131, App
98 6 0.6 56 9 US-10-102-806-826 Sequence 826, App
99 6 0.6 56 10 US-09-864-761-42647 Sequence 42647, A
100 6 0.6 61 10 US-09-864-761-33648 Sequence 33648, A
101 6 0.6 62 10 US-09-864-761-34054 Sequence 34054, A
102 6 0.6 63 10 US-09-867-550-1522 Sequence 1522, App
103 6 0.6 65 10 US-09-939-980-433 Sequence 433, App
104 6 0.6 66 10 US-09-867-550-1906 Sequence 1906, App
105 6 0.6 66 9 US-10-079-623-361 Sequence 361, App
106 6 0.6 78 9 US-10-002-344A-200 Sequence 200, App
107 6 0.6 78 10 US-09-864-761-46908 Sequence 46908, A
108 6 0.6 78 10 US-09-867-550-1970 Sequence 1970, App
109 6 0.6 82 10 US-09-864-761-33873 Sequence 33873, A
110 6 0.6 87 10 US-09-764-887-278 Sequence 278, App
111 6 0.6 88 9 US-09-866-050A-698 Sequence 698, App
112 6 0.6 89 10 US-09-881-752A-114 Sequence 114, App
113 6 0.6 90 9 US-09-764-872-382 Sequence 382, App
114 6 0.6 90 10 US-09-764-872-1461 Sequence 1461, App
115 6 0.6 92 9 US-10-091-572-395 Sequence 395, App
116 6 0.6 94 10 US-09-864-761-44731 Sequence 44731, A
117 6 0.6 96 10 US-09-833-067-11 Sequence 11, App
118 6 0.6 100 9 US-09-796-692-675 Sequence 675, App
119 6 0.6 100 9 US-09-796-692-1383 Sequence 1383, App
120 6 0.6 100 9 US-09-796-692-1473 Sequence 1473, App
121 6 0.6 100 9 US-09-796-692-1864 Sequence 1864, App
122 6 0.6 100 9 US-09-796-692-1915 Sequence 1915, App
123 6 0.6 100 9 US-09-796-692-2108 Sequence 2108, App
124 6 0.6 100 10 US-09-825-302-687 Sequence 687, App
125 6 0.6 100 10 US-09-833-067-10 Sequence 10, App
126 6 0.6 100 10 US-09-867-550-58 Sequence 58, App
127 6 0.6 101 10 US-09-867-550-186 Sequence 186, App
128 6 0.6 104 9 US-09-925-299-1446 Sequence 1446, App
129 6 0.6 104 10 US-09-925-299-1446 Sequence 1446, App
130 6 0.6 110 10 US-09-764-860-529 Sequence 529, App
131 6 0.6 111 9 US-10-072-349-107 Sequence 107, App
132 6 0.6 111 10 US-09-764-855-107 Sequence 107, App
133 6 0.6 114 10 US-09-864-761-36168 Sequence 36168, A
134 6 0.6 114 10 US-09-263-959-308 Sequence 308, App
135 6 0.6 116 10 US-09-925-301-1237 Sequence 1237, App
136 6 0.6 117 10 US-09-939-980-486 Sequence 486, App
137 6 0.6 123 10 US-09-925-300-1196 Sequence 1196, App
138 6 0.6 127 9 US-10-001-857-167 Sequence 167, App
139 6 0.6 127 10 US-09-925-301-1213 Sequence 1213, App
140 6 0.6 128 9 US-09-738-626-5866 Sequence 5866, App
141 6 0.6 128 10 US-09-755-665-28 Sequence 28, App
142 6 0.6 129 9 US-09-925-299-1210 Sequence 1210, App
143 6 0.6 129 10 US-09-925-299-1210 Sequence 1210, App
144 6 0.6 129 10 US-09-925-300-1521 Sequence 1521, App
145 6 0.6 130 9 US-09-738-626-6460 Sequence 6460, App
146 6 0.6 131 9 US-09-796-692-1566 Sequence 1566, App
147 6 0.6 133 10 US-09-738-769A-4 Sequence 4, App
148 6 0.6 133 10 US-09-949-780-4 Sequence 23, App
149 6 0.6 135 9 US-09-975-719-223 Sequence 223, App
150 6 0.6 135 10 US-09-815-242-11431 Sequence 11431, A

ALIGNMENTS

RESULT 1
US-10-028-072-38
; Sequence 38, Application US/10028072
; Publication No. US200300431A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Guirney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang
TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: US/10/028, 072
CURRENT FILING DATE: 2001-12-19
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248

PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186
PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13

PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088026
PRIOR FILING DATE: 1998-06-04
PRIOR APPLICATION NUMBER: 60/088730
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088741
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088810
PRIOR FILING DATE: 1998-06-10
PRIOR APPLICATION NUMBER: 60/088858
PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089599
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089907
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/089947
PRIOR FILING DATE: 1998-06-19
PRIOR APPLICATION NUMBER: 60/090349
PRIOR FILING DATE: 1998-06-23
PRIOR APPLICATION NUMBER: 60/090429
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090445
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090538
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090863
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: 60/091360
PRIOR FILING DATE: 1998-07-01
PRIOR APPLICATION NUMBER: 60/091519
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NDECTAITMTAVNKKOSTVNFEEYYPDDSSITFEFFVQNDQCCPNADSDSMKTKTEGW 228
DB 169 NDECTAITMTAVNKKOSTVNFEEYYPDDSSITFEFFVQNDQCCPNADSDSMKTKTEGW 228
QY 229 EFHSYELNKGNNVLYWRTTAFSVWTKVPPVLYRRIATGVAYTSECPCKPRTYADKOG 288
DB 229 EFHSYELNKGNNVLYWRTTAFSVWTKVPPVLYRRIATGVAYTSECPCKPRTYADKOG 288
QY 289 SSFCKLCPANSYSNKGTSCHQCDPDKYSSEKSSSCNVRPACTDXYTHTACDANGET 348
DB 289 SSFCKLCPANSYSNKGTSCHQCDPDKYSSEKSSSCNVRPACTDXYTHTACDANGET 348
QY 349 QLMYKAKRKISSEDLGAVKLPASGVUTHCPNCPGPFKTNNSJCOPCPGYSVNSGSDC 408
DB 349 QLMYKAKRKISSEDLGAVKLPASGVUTHCPNCPGPFKTNNSJCOPCPGYSVNSGSDC 408
QY 409 TPCPAGTEPAVGFEEYKMMNTLPTNNMETTVLSGINFEEYKGMTGMEVAGDHITTAAGASDND 468
DB 409 TPCPAGTEPAVGFEEYKMMNTLPTNNMETTVLSGINFEEYKGMTGMEVAGDHITTAAGASDND 468
QY 469 FMILITVDFGRPPQSVMAADTENKEVARITTFEFLGSVNCGLYHMGVNSRTNTPVETW 528
DB 469 FMILITVDFGRPPQSVMAADTENKEVARITTFEFLGSVNCGLYHMGVNSRTNTPVETW 528

Db 469 FMILTLVVGRRPPOSVADTENKEVARITFEVETLCSVNCELYFMVGNSTRITVETW 528
Qy 529 KGSKGKOSYTYIIIEBNTTSTFTMAFORTTPEASRKTNDVAKIYSINTVMNGVASYC 588
Db 529 KGSKGKOSYTYIIIEBNTTSTFTMAFORTTPEASRKTNDVAKIYSINTVMNGVASYC 588
Qy 589 RPKALEASDVSSCTSCPCAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCPGTKNN 648
Db 589 RPKALEASDVSSCTSCPCAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCPGTKNN 648
Qy 649 KIHSLCYNDCFTSNTPTFTNNFSAANTVTLAGSPFTSKGLKXFFHFTLSLGNQ 708
Db 649 KIHSLCYNDCFTSNTPTFTNNFSAANTVTLAGSPFTSKGLKXFFHFTLSLGNQ 708
Qy 709 RKMSVCTDNVTDLRIPEGSEGSITSITAYVCOAVIIPPEVTGYKAGVSSQVSLADRLIG 768
Db 709 RKMSVCTDNVTDLRIPEGSEGSITSITAYVCOAVIIPPEVTGYKAGVSSQVSLADRLIG 768
Qy 769 VTTDMTLDGITSAPALFHLBSLGIPIVIFFRSNDVTQSCSSGRSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSAPALFHLBSLGIPIVIFFRSNDVTQSCSSGRSTTIRVCSPOKTVPG 828
Qy 829 SLLPFGTSDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLLPFGTSDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 2
US-10-121-049-38
; Sequence 38, Application US/10121049
; Publication No. US200302239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Laureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Matanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C17
; CURRENT FILING DATE: 2002-04-12
; NUMBER OF SEQ ID NOS: 550
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-121-049-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NTEPCATLMTAVNKLKSGTGVNREYYPSSITFEFFVNDCCOPNADSRMKTKTEKGM 228
Db 169 NTEPCATLMTAVNKLKSGTGVNREYYPSSITFEFFVNDCCOPNADSRMKTKTEKGM 228

Qy 229 EFHSEVLNKNVLYWRTTASVWTKVPKPVLVNIAITGAATSECPCKRGTYADKOG 288
Db 229 EFHSEVLNKNVLYWRTTASVWTKVPKPVLVNIAITGAATSECPCKRGTYADKOG 288
Qy 289 SSFCULCPANYSNKGFTSCHOCDPKYSEKSSSNVRACTDKDYFYTHACDANGT 348
Db 289 SSFCULCPANYSNKGFTSCHOCDPKYSEKSSSNVRACTDKDYFYTHACDANGT 348
Qy 349 QMAYKAPKICSEDLGAVFLPASGVTHCPNCPGPFKNNSTCCPCPGYSNSDC 408
Db 349 QMAYKAPKICSEDLGAVFLPASGVTHCPNCPGPFKNNSTCCPCPGYSNSDC 408
Qy 409 TRCPAGTEPAVGEYKXWNTLPTNMEITVLSGINFEYKMGTMGEVADHITYAGASDND 468
Db 409 TRCPAGTEPAVGEYKXWNTLPTNMEITVLSGINFEYKMGTMGEVADHITYAGASDND 468
Qy 469 FMILTLVVGRRPPOSVADTENKEVARITFEVETLCSVNCELYFMVGNSTRITVETW 528
Db 469 FMILTLVVGRRPPOSVADTENKEVARITFEVETLCSVNCELYFMVGNSTRITVETW 528
Qy 529 KGSKGKOSYTYIIIEBNTTSTFTMAFORTTPEASRKTNDVAKIYSINTVMNGVASYC 588
Db 529 KGSKGKOSYTYIIIEBNTTSTFTMAFORTTPEASRKTNDVAKIYSINTVMNGVASYC 588
Qy 589 RPKALEASDVSSCTSCPCAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCPGTKNN 648
Db 589 RPKALEASDVSSCTSCPCAGYIIDRDSGTCHSCPNTILKAHQPYGQACVPCPGTKNN 648
Qy 649 KIHSLCYNDCFTSNTPTFTNNFSAANTVTLAGSPFTSKGLKXFFHFTLSLGNQ 708
Db 649 KIHSLCYNDCFTSNTPTFTNNFSAANTVTLAGSPFTSKGLKXFFHFTLSLGNQ 708
Qy 709 RKMSVCTDNVTDLRIPEGSEGSITSITAYVCOAVIIPPEVTGYKAGVSSQVSLADRLIG 768
Db 709 RKMSVCTDNVTDLRIPEGSEGSITSITAYVCOAVIIPPEVTGYKAGVSSQVSLADRLIG 768
Qy 769 VTTDMTLDGITSAPALFHLBSLGIPIVIFFRSNDVTQSCSSGRSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSAPALFHLBSLGIPIVIFFRSNDVTQSCSSGRSTTIRVCSPOKTVPG 828
Qy 829 SLLPFGTSDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLLPFGTSDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 3
US-10-123-904-38
; Sequence 38, Application US/10123904
; Publication No. US2003022328A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Laureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Matanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C54
; CURRENT FILING DATE: 2002-04-16

; Prior Application removed - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 38
 ; LENGTH: 1013
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: 877, 882
 ; OTHER INFORMATION: unknown amino acid
 US-10-123-904-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0; Indels 0; Gaps 0;
 Matches 708; Conservative 0; Mismatches 0;

QY 169 NTDECTATMTAVNLKSGSTVNFYYPDSSIIFFEFVONDQCPNADDSRMKTEKGM 228
 DB 169 NTDECTATMTAVNLKSGSTVNFYYPDSSIIFFEFVONDQCPNADDSRMKTEKGM 228
 QY 229 EFHSVELNRGNVLYWRTAFSVTKVPKPYLVNIAITGVATSECPCKPGTYADKOG 288
 DB 229 EFHSVELNRGNVLYWRTAFSVTKVPKPYLVNIAITGVATSECPCKPGTYADKOG 288
 QY 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSSCNVRPACTDMDYFTHTACDANGET 348
 DB 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSSCNVRPACTDMDYFTHTACDANGET 348
 QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFKTNNSTCOPCYGYSNSGSDC 408
 DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFKTNNSTCOPCYGYSNSGSDC 408
 QY 409 TRCPAGTEPAVGFYKWMNTLPTNMETVLSGINFYKMGTMGEVADGHIYTAAGASDND 468
 DB 409 TRCPAGTEPAVGFYKWMNTLPTNMETVLSGINFYKMGTMGEVADGHIYTAAGASDND 468
 QY 469 FMILLIVPGFRPOSVMADTENKEVARITFVEETLCSVNCLEYFMVGNSTRNTPVETW 528
 DB 469 FMILLIVPGFRPOSVMADTENKEVARITFVEETLCSVNCLEYFMVGNSTRNTPVETW 528
 QY 529 KSGKGSQSYTYIIIEENTTSFTWAFORTTTHASRKTYNDVAKIYSINVTNVMNGVASYC 588
 DB 529 KSGKGSQSYTYIIIEENTTSFTWAFORTTTHASRKTYNDVAKIYSINVTNVMNGVASYC 588
 QY 589 RPKALASDVSSCTSCPCAGYIIDRDSGTCHSCPNTIILAHQPYGVQACVPCPGPTKKN 648
 DB 589 RPKALASDVSSCTSCPCAGYIIDRDSGTCHSCPNTIILAHQPYGVQACVPCPGPTKKN 648
 QY 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKYFHHFTLSLGNQOG 708
 DB 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKYFHHFTLSLGNQOG 708
 QY 709 RKMSTCTNVTDLRIPEGESGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPYSLADRLIG 768
 DB 709 RKMSTCTNVTDLRIPEGESGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPYSLADRLIG 768
 QY 769 VTTDMTLDGITSAPALFHLBSLGIPTVITFFRNSDVTQSSSRSTTIIRKVSPOKTYVG 828
 DB 769 VTTDMTLDGITSAPALFHLBSLGIPTVITFFRNSDVTQSSSRSTTIIRKVSPOKTYVG 828
 QY 829 SLLLGTSQSDGTCDGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876
 DB 829 SLLLGTSQSDGTCDGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 4
 US-10-140-470-38
 ; Sequence 38, Application US/10140470
 ; Publication No. US20030022331A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: Deforge, Laura

; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerlitsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Guiney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P330R1C160
 ; CURRENT APPLICATION NUMBER: US/10/140,470
 ; CURRENT FILING DATE: 2002-05-06
 ; Prior Application removed - See Palm or File Wrapper
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 38
 ; LENGTH: 1013
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: 877, 882
 ; OTHER INFORMATION: unknown amino acid
 US-10-140-470-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATMTAVNLKSGSTVNFYYPDSSIIFFEFVONDQCPNADDSRMKTEKGM 228
 DB 169 NTDECTATMTAVNLKSGSTVNFYYPDSSIIFFEFVONDQCPNADDSRMKTEKGM 228
 QY 229 EFHSVELNRGNVLYWRTAFSVTKVPKPYLVNIAITGVATSECPCKPGTYADKOG 288
 DB 229 EFHSVELNRGNVLYWRTAFSVTKVPKPYLVNIAITGVATSECPCKPGTYADKOG 288
 QY 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSSCNVRPACTDMDYFTHTACDANGET 348
 DB 289 SSFCKLCPANSYSNKGTSCHQCDPKYSEKSSSCNVRPACTDMDYFTHTACDANGET 348
 QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFKTNNSTCOPCYGYSNSGSDC 408
 DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFKTNNSTCOPCYGYSNSGSDC 408
 QY 409 TRCPAGTEPAVGFYKWMNTLPTNMETVLSGINFYKMGTMGEVADGHIYTAAGASDND 468
 DB 409 TRCPAGTEPAVGFYKWMNTLPTNMETVLSGINFYKMGTMGEVADGHIYTAAGASDND 468
 QY 469 FMILLIVPGFRPOSVMADTENKEVARITFVEETLCSVNCLEYFMVGNSTRNTPVETW 528
 DB 469 FMILLIVPGFRPOSVMADTENKEVARITFVEETLCSVNCLEYFMVGNSTRNTPVETW 528
 QY 529 KSGKGSQSYTYIIIEENTTSFTWAFORTTTHASRKTYNDVAKIYSINVTNVMNGVASYC 588
 DB 529 KSGKGSQSYTYIIIEENTTSFTWAFORTTTHASRKTYNDVAKIYSINVTNVMNGVASYC 588
 QY 589 RPKALASDVSSCTSCPCAGYIIDRDSGTCHSCPNTIILAHQPYGVQACVPCPGPTKKN 648
 DB 589 RPKALASDVSSCTSCPCAGYIIDRDSGTCHSCPNTIILAHQPYGVQACVPCPGPTKKN 648
 QY 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKYFHHFTLSLGNQOG 708
 DB 649 KIHSICVNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKYFHHFTLSLGNQOG 708
 QY 709 RKMSTCTNVTDLRIPEGESGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPYSLADRLIG 768
 DB 709 RKMSTCTNVTDLRIPEGESGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPYSLADRLIG 768

Db 709 RKMVCIDNTDRLIPRSGSGFSKITAIVYQAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
Qy 769 VTTMTLDGITSFPALEFHLFLESIGIPDIFFPRNSNDVYSCSSGRSTTIWRSPQKTVPG 828
Db 769 VTTMTLDGITSFPALEFHLFLESIGIPDIFFPRNSNDVYSCSSGRSTTIWRSPQKTVPG 828
Qy 829 SLILPGTCSGDTGDCGNFHLFLESAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLILPGTCSGDTGDCGNFHLFLESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 5

US-10-175-746-38
; Sequence 38, Application US/10175746
; Publication No. US20030027270A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Tamas, Daniel
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C353
; CURRENT APPLICATION NUMBER: US/10/175,746
; PRIORITY FILING DATE: 2002-06-19
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-175-746-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NDECATLTMVAVNLKQSGTVNFYYPDSIIFFEFYQNDQCPNADSRMTTKGK 228
Db 169 NDECATLTMVAVNLKQSGTVNFYYPDSIIFFEFYQNDQCPNADSRMTTKGK 228
Qy 229 EHSVEINRGNVNLWRTAFSVMTKVPVYVRIATGYAIVSECPCKPGTYADKQ 288
Db 229 EHSVEINRGNVNLWRTAFSVMTKVPVYVRIATGYAIVSECPCKPGTYADKQ 288
Qy 289 SSFCLCPRANSNSNGEFSCHQCDPKYSEKSSCNVRPACTDKOYFYHTHCDANGET 348
Db 289 SSFCLCPRANSNSNGEFSCHQCDPKYSEKSSCNVRPACTDKOYFYHTHCDANGET 348
Qy 349 QLMYKAPKICSEDLGAVLTPASGVTHCPNCPGFFTTNNSTCQPCYGSYNGSDC 408
Db 349 QLMYKAPKICSEDLGAVLTPASGVTHCPNCPGFFTTNNSTCQPCYGSYNGSDC 408
Qy 409 TRCPAGTDPANGFEYKWNNTLPTMETTVLSGINFYKGMTGVEVGDHLYTAAGSDND 468
Db 409 TRCPAGTDPANGFEYKWNNTLPTMETTVLSGINFYKGMTGVEVGDHLYTAAGSDND 468

Qy 469 FMILLVVEGFRPPOSVADTENKEVARITTPPEITLCSVNCELYFMGVNSRINTPVEIW 528
Db 469 FMILLVVEGFRPPOSVADTENKEVARITTPPEITLCSVNCELYFMGVNSRINTPVEIW 528
Qy 529 KSGKQOSTYIIIEENTTTSFTMAFORITPPEASRKYTNDAKLYSINTVMNVASVC 588
Db 529 KSGKQOSTYIIIEENTTTSFTMAFORITPPEASRKYTNDAKLYSINTVMNVASVC 588
Qy 589 RCPALASDVSSCTSCAGAYIIDRDSCTSCSPNITLKAQOPYQVACVPCGPGTKN 648
Db 589 RCPALASDVSSCTSCAGAYIIDRDSCTSCSPNITLKAQOPYQVACVPCGPGTKN 648
Qy 649 KIHSLCNDCTPSRNTPTPTFNYSALANTVTLAGSPFTSKGLKXFHFTLSLGNQ 708
Db 649 KIHSLCNDCTPSRNTPTPTFNYSALANTVTLAGSPFTSKGLKXFHFTLSLGNQ 708
Qy 709 RKMVCIDNTDRLIPRSGSGFSKITAIVYQAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
Db 709 RKMVCIDNTDRLIPRSGSGFSKITAIVYQAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
Qy 769 VTTMTLDGITSFPALEFHLFLESIGIPDIFFPRNSNDVYSCSSGRSTTIWRSPQKTVPG 828
Db 769 VTTMTLDGITSFPALEFHLFLESIGIPDIFFPRNSNDVYSCSSGRSTTIWRSPQKTVPG 828
Qy 829 SLILPGTCSGDTGDCGNFHLFLESAAACPLCSVADYHAIVSSCVAGIQ 876
Db 829 SLILPGTCSGDTGDCGNFHLFLESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 6

US-10-176-918-38
; Sequence 38, Application US/10176918
; Publication No. US20030027275A1
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Tamas, Daniel
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C382
; CURRENT APPLICATION NUMBER: US/10/176,918
; PRIORITY FILING DATE: 2002-06-20
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-176-918-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Tue Apr 22 16:18:07 2003

us-10-046-433-40.01igo.rapb

Page 7

QY 169 NTDECTATLMYAVNLKSGSTVNEFEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
Db 169 NTDECTATLMYAVNLKSGSTVNEFEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPPVLRNIAITGVAITSECPCKPGTYADKOG 288
Db 229 EFHSVELNRGNVLYWRTAFSVWTKVPPVLRNIAITGVAITSECPCKPGTYADKOG 288
QY 289 SFPCKLCPANSYKNGEISCHQCDPKYSEKSSSCNVPACTDXYTHYACDANGET 348
Db 289 SFPCKLCPANSYKNGEISCHQCDPKYSEKSSSCNVPACTDXYTHYACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFKTNNSCOPCPYSGYSGSDC 408
Db 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFKTNNSCOPCPYSGYSGSDC 408
QY 409 TRCPAGTEPAVGFEXKMNNTLPTNMETTVLSGINFEYKMGTEVAGDHITYAAGASDND 468
Db 409 TRCPAGTEPAVGFEXKMNNTLPTNMETTVLSGINFEYKMGTEVAGDHITYAAGASDND 468
QY 469 FMILTLVPGFRPPPOSVAADTENKEVARITTFEFLCSVNCCLYFMVGVNSRTNTPVETW 528
Db 469 FMILTLVPGFRPPPOSVAADTENKEVARITTFEFLCSVNCCLYFMVGVNSRTNTPVETW 528
QY 529 KSGKSGOSTYIIIEBNTTTSFTWAFORTTFEASRKTNDVAKTYSINVTNWNMGVASYC 588
Db 529 KSGKSGOSTYIIIEBNTTTSFTWAFORTTFEASRKTNDVAKTYSINVTNWNMGVASYC 588
QY 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPRTILKAHQPYGYOACVPCGPGTKNN 648
Db 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPRTILKAHQPYGYOACVPCGPGTKNN 648
QY 649 KIHSLCYNDCFSRNTPTRTFNINFSALANTVTLAAGSFTSKGLKYPHFHTLSLCSNOG 708
Db 649 KIHSLCYNDCFSRNTPTRTFNINFSALANTVTLAAGSFTSKGLKYPHFHTLSLCSNOG 708
QY 709 RKMSTCTDNVTDLRIPEGSSEFSKSTAYVCOAVIIPPEVTGYKAGVSQPVSLADRLIG 768
Db 709 RKMSTCTDNVTDLRIPEGSSEFSKSTAYVCOAVIIPPEVTGYKAGVSQPVSLADRLIG 768
QY 769 VTTDMTLTGITSAPALFHLBSLGIIPDVIFFRSNDVYOSCSGSRSTTIRVRSPOKTPVG 828
Db 769 VTTDMTLTGITSAPALFHLBSLGIIPDVIFFRSNDVYOSCSGSRSTTIRVRSPOKTPVG 828
QY 829 SLLPPTCSGDTGDCGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPPTCSGDTGDCGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 7
US-10-176-921-38
Sequence 38, Application US/10176921
Publication No. US2003002726A1

GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Deforge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, Audrey J.
APPLICANT: Guiney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C288
CURRENT APPLICATION NUMBER: US/10/176,921
CURRENT FILING DATE: 2002-06-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 38
LENGTH: 1013
TYPE: PRT
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: unsure
LOCATION: 877, 882
OTHER INFORMATION: unknown amino acid
US-10-176-921-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0; Mismatches 0; Gaps 0;
Matches 708; Conservative 0; Indels 0;

QY 169 NTDECTATLMYAVNLKSGSTVNEFEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
Db 169 NTDECTATLMYAVNLKSGSTVNEFEYYPDSIIIEFFVQNDQCPNADDSRMKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPPVLRNIAITGVAITSECPCKPGTYADKOG 288
Db 229 EFHSVELNRGNVLYWRTAFSVWTKVPPVLRNIAITGVAITSECPCKPGTYADKOG 288
QY 289 SFPCKLCPANSYKNGEISCHQCDPKYSEKSSSCNVPACTDXYTHYACDANGET 348
Db 289 SFPCKLCPANSYKNGEISCHQCDPKYSEKSSSCNVPACTDXYTHYACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFKTNNSCOPCPYSGYSGSDC 408
Db 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFKTNNSCOPCPYSGYSGSDC 408
QY 409 TRCPAGTEPAVGFEXKMNNTLPTNMETTVLSGINFEYKMGTEVAGDHITYAAGASDND 468
Db 409 TRCPAGTEPAVGFEXKMNNTLPTNMETTVLSGINFEYKMGTEVAGDHITYAAGASDND 468
QY 469 FMILTLVPGFRPPPOSVAADTENKEVARITTFEFLCSVNCCLYFMVGVNSRTNTPVETW 528
Db 469 FMILTLVPGFRPPPOSVAADTENKEVARITTFEFLCSVNCCLYFMVGVNSRTNTPVETW 528
QY 529 KSGKSGOSTYIIIEBNTTTSFTWAFORTTFEASRKTNDVAKTYSINVTNWNMGVASYC 588
Db 529 KSGKSGOSTYIIIEBNTTTSFTWAFORTTFEASRKTNDVAKTYSINVTNWNMGVASYC 588
QY 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPRTILKAHQPYGYOACVPCGPGTKNN 648
Db 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPRTILKAHQPYGYOACVPCGPGTKNN 648
QY 649 KIHSLCYNDCFSRNTPTRTFNINFSALANTVTLAAGSFTSKGLKYPHFHTLSLCSNOG 708
Db 649 KIHSLCYNDCFSRNTPTRTFNINFSALANTVTLAAGSFTSKGLKYPHFHTLSLCSNOG 708
QY 709 RKMSTCTDNVTDLRIPEGSSEFSKSTAYVCOAVIIPPEVTGYKAGVSQPVSLADRLIG 768
Db 709 RKMSTCTDNVTDLRIPEGSSEFSKSTAYVCOAVIIPPEVTGYKAGVSQPVSLADRLIG 768
QY 769 VTTDMTLTGITSAPALFHLBSLGIIPDVIFFRSNDVYOSCSGSRSTTIRVRSPOKTPVG 828
Db 769 VTTDMTLTGITSAPALFHLBSLGIIPDVIFFRSNDVYOSCSGSRSTTIRVRSPOKTPVG 828
QY 829 SLLPPTCSGDTGDCGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPPTCSGDTGDCGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 8
US-10-137-865-38
Sequence 38, Application US/10137865
Publication No. US20030032155A1
GENERAL INFORMATION:

```

/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: Deforge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey E.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gunney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C154
/ CURRENT APPLICATION NUMBER: US/10/137,865
/ PRIOR FILING DATE: 2002-05-03
/ PRIOR APPLICATION REMOVED - See Palm or File Wrapper
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 38
/ LENGTH: 1013
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 877, 882
/ OTHER INFORMATION: unknown amino acid
US-10-137-865-38

```

```

Query Match          70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATMTAVNLKSGSTVNFEEYYPDSIIFFVONQCCPNADDSRMKTEKGM 228
DB 169 NTDECTATMTAVNLKSGSTVNFEEYYPDSIIFFVONQCCPNADDSRMKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPVLVNIATGVAATSECFPCPKGTADKOG 228
DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPVLVNIATGVAATSECFPCPKGTADKOG 228
QY 289 SSFCKLCPANYSNKGSTSCQCPDCKYSEKSSCNVRACCTDKDYFYTHACDANGST 348
DB 289 SSFCKLCPANYSNKGSTSCQCPDCKYSEKSSCNVRACCTDKDYFYTHACDANGST 348
QY 349 QLMYKMAKPKICSEDLBGAVALPASGVKTHCPNPGFETKNNSTGCPDCKYSEKSSCN 408
DB 349 QLMYKMAKPKICSEDLBGAVALPASGVKTHCPNPGFETKNNSTGCPDCKYSEKSSCN 408
QY 409 TRCAGTEBPVAVGEFYKWMNTLPTNMTETVLSGNEFYKMGTEVAGDHITTAAGASDND 468
DB 409 TRCAGTEBPVAVGEFYKWMNTLPTNMTETVLSGNEFYKMGTEVAGDHITTAAGASDND 468
QY 469 FMILTIVPFRPPOSMDTENKEVARITFVFEELCSVNCLELYMGVGNRTNTPVETW 528
DB 469 FMILTIVPFRPPOSMDTENKEVARITFVFEELCSVNCLELYMGVGNRTNTPVETW 528
QY 529 KGSAGKOSYIIIEENTTTSTFWAFORTFHSKRKYNDVAKYISINVTNVMNGVASYC 588
DB 529 KGSAGKOSYIIIEENTTTSTFWAFORTFHSKRKYNDVAKYISINVTNVMNGVASYC 588
QY 589 RPCALBASDVGSCTSCPAQYIIDSDGTCSCPEPNTILKAHQGYGVAQACVPGPRTKNN 648
DB 589 RPCALBASDVGSCTSCPAQYIIDSDGTCSCPEPNTILKAHQGYGVAQACVPGPRTKNN 648
QY 649 KTHSLCYNDCTSRNTPTRTFNYSALANTVTLAGBSTSGKLYFHHFTLSLGNQG 708
DB 649 KTHSLCYNDCTSRNTPTRTFNYSALANTVTLAGBSTSGKLYFHHFTLSLGNQG 708

```

```

QY 709 RMSVCTDNTDNLIPGSEGFSEKSIITAVYQAVIIPVETGKAGVSSOPVSLADRLIG 768
DB 709 RMSVCTDNTDNLIPGSEGFSEKSIITAVYQAVIIPVETGKAGVSSOPVSLADRLIG 768
QY 769 VTTMDTLDGITSAPLEFHEESLGIPIVITFRNSDVTGSCSGRSTTRVWCSPOKTVPG 828
DB 769 VTTMDTLDGITSAPLEFHEESLGIPIVITFRNSDVTGSCSGRSTTRVWCSPOKTVPG 828
QY 829 SLILPCTSGTCDGCFHFWESAAACPLCSVADYHAYVSSVAGIQ 876
DB 829 SLILPCTSGTCDGCFHFWESAAACPLCSVADYHAYVSSVAGIQ 876

```

```

RESULT 9
US-10-140-474-38
/ Sequence 38, Application US/10140474
/ Publication No. US20030032156A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Beresini, Maureen
/ APPLICANT: Deforge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey E.
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gunney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tamas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zemin
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3330R1C162
/ CURRENT APPLICATION NUMBER: US/10/140,474
/ PRIOR FILING DATE: 2002-05-06
/ PRIOR APPLICATION REMOVED - See Palm or File Wrapper
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 38
/ LENGTH: 1013
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 877, 882
/ OTHER INFORMATION: unknown amino acid
US-10-140-474-38

```

```

Query Match          70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATMTAVNLKSGSTVNFEEYYPDSIIFFVONQCCPNADDSRMKTEKGM 228
DB 169 NTDECTATMTAVNLKSGSTVNFEEYYPDSIIFFVONQCCPNADDSRMKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPVLVNIATGVAATSECFPCPKGTADKOG 228
DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPVLVNIATGVAATSECFPCPKGTADKOG 228
QY 289 SSFCKLCPANYSNKGSTSCQCPDCKYSEKSSCNVRACCTDKDYFYTHACDANGST 348
DB 289 SSFCKLCPANYSNKGSTSCQCPDCKYSEKSSCNVRACCTDKDYFYTHACDANGST 348
QY 349 QLMYKMAKPKICSEDLBGAVALPASGVKTHCPNPGFETKNNSTGCPDCKYSEKSSCN 408
DB 349 QLMYKMAKPKICSEDLBGAVALPASGVKTHCPNPGFETKNNSTGCPDCKYSEKSSCN 408

```



```

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C11
; CURRENT APPLICATION NUMBER: US/10/143,114
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-143-114-38

```

```

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATLMYAVNLKSGGVNFEYYPPDSIIIEFFVONDCCOPNADSRMKTTEKGM 228
DB 169 NTDECTATLMYAVNLKSGGVNFEYYPPDSIIIEFFVONDCCOPNADSRMKTTEKGM 228
QY 229 EFHSVELNRGNVLYWRTTAFSVWTKVPKPLVNRNIAITGVAVTSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTTAFSVWTKVPKPLVNRNIAITGVAVTSECPCKPGTYADKOG 288
QY 289 SSFCKLCPANSYSNKGSTCHQCDPDKYSEKSSCNVRPACTDKDYFTHTAADANGET 348
DB 289 SSFCKLCPANSYSNKGSTCHQCDPDKYSEKSSCNVRPACTDKDYFTHTAADANGET 348
QY 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCTQPCPYGSYSNGSDC 408
DB 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCTQPCPYGSYSNGSDC 408
QY 409 TRCPAGTEPAVGEYKMNWTLPTNMETTVLSGINEYKGMTGMEVAGDHITYAAGASDND 468
DB 409 TRCPAGTEPAVGEYKMNWTLPTNMETTVLSGINEYKGMTGMEVAGDHITYAAGASDND 468
QY 469 FMILTLVVGFRPPOSVADTENKEVARITFVFETLCSVNCLEYFMVGVSRTNTPVETW 528
DB 469 FMILTLVVGFRPPOSVADTENKEVARITFVFETLCSVNCLEYFMVGVSRTNTPVETW 528
QY 529 KSKKGKOSTYIIIEENTTTSFTMAFORTTTHASRKYTNDAVAKIYSINVTNMGVASYC 588
DB 529 KSKKGKOSTYIIIEENTTTSFTMAFORTTTHASRKYTNDAVAKIYSINVTNMGVASYC 588
QY 589 RPCALASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVOACVPCGPGTKNN 648
DB 589 RPCALASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVOACVPCGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTRTFNYSFALANTVTLAAGPSTSKGLKXFHHFTLSLGNQ 708
DB 649 KIHSLCYNDCTFSRNTPTRTFNYSFALANTVTLAAGPSTSKGLKXFHHFTLSLGNQ 708
QY 709 RKMSVCTDNVTDLRIPEGSSGFSKITAYVCOAVIIPPEYTGKAGVSSOPVSLADRLIG 768
DB 709 RKMSVCTDNVTDLRIPEGSSGFSKITAYVCOAVIIPPEYTGKAGVSSOPVSLADRLIG 768
QY 769 VTTDMTLIDGITSFAELFHESLGIPVIFPYRNDVTOSSGSRSTTIRRCSPQKTVPG 828
DB 769 VTTDMTLIDGITSFAELFHESLGIPVIFPYRNDVTOSSGSRSTTIRRCSPQKTVPG 828
QY 829 SLLPFGTSGDGTCDGCFHFLMESAAACPLCSVADYHAIYVSCVAGIO 876
DB 829 SLLPFGTSGDGTCDGCFHFLMESAAACPLCSVADYHAIYVSCVAGIO 876

```

RESULT 12
US-10-140-002-38

```

; Sequence 38, Application US/10140002
; Publication No. US20030037623A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Baresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C59
; CURRENT APPLICATION NUMBER: US/10/140,002
; CURRENT FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-140-002-38

```

```

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATLMYAVNLKSGGVNFEYYPPDSIIIEFFVONDCCOPNADSRMKTTEKGM 228
DB 169 NTDECTATLMYAVNLKSGGVNFEYYPPDSIIIEFFVONDCCOPNADSRMKTTEKGM 228
QY 229 EFHSVELNRGNVLYWRTTAFSVWTKVPKPLVNRNIAITGVAVTSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTTAFSVWTKVPKPLVNRNIAITGVAVTSECPCKPGTYADKOG 288
QY 289 SSFCKLCPANSYSNKGSTCHQCDPDKYSEKSSCNVRPACTDKDYFTHTAADANGET 348
DB 289 SSFCKLCPANSYSNKGSTCHQCDPDKYSEKSSCNVRPACTDKDYFTHTAADANGET 348
QY 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCTQPCPYGSYSNGSDC 408
DB 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGPFKTNNSCTQPCPYGSYSNGSDC 408
QY 409 TRCPAGTEPAVGEYKMNWTLPTNMETTVLSGINEYKGMTGMEVAGDHITYAAGASDND 468
DB 409 TRCPAGTEPAVGEYKMNWTLPTNMETTVLSGINEYKGMTGMEVAGDHITYAAGASDND 468
QY 469 FMILTLVVGFRPPOSVADTENKEVARITFVFETLCSVNCLEYFMVGVSRTNTPVETW 528
DB 469 FMILTLVVGFRPPOSVADTENKEVARITFVFETLCSVNCLEYFMVGVSRTNTPVETW 528
QY 529 KSKKGKOSTYIIIEENTTTSFTMAFORTTTHASRKYTNDAVAKIYSINVTNMGVASYC 588
DB 529 KSKKGKOSTYIIIEENTTTSFTMAFORTTTHASRKYTNDAVAKIYSINVTNMGVASYC 588
QY 589 RPCALASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVOACVPCGPGTKNN 648
DB 589 RPCALASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVOACVPCGPGTKNN 648

```

QY 649 KIHSLCYNDCTFSRNTPTRTFNYPNSALANTVTLAGSPSTSKGLKXFFHFTLSLGNOC 708
Db 649 KIHSLCYNDCTFSRNTPTRTFNYPNSALANTVTLAGSPSTSKGLKXFFHFTLSLGNOC 708
QY 709 RKMVCCTDNVTDLRIPEGSGFSKSTIAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
Db 709 RKMVCCTDNVTDLRIPEGSGFSKSTIAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
QY 769 VTTDMTLDGITSAPALFPHLSLGIIPDVIFFYRSNDVTQSCSGRSTTIRVRCSPQKTVPG 828
Db 769 VTTDMTLDGITSAPALFPHLSLGIIPDVIFFYRSNDVTQSCSGRSTTIRVRCSPQKTVPG 828
QY 829 SLILPGTCSDBGTCDGCFNHFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLILPGTCSDBGTCDGCFNHFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
RESULT 13
US-10-142-419-38
; Sequence 38, Application US/10142419
; Publication No. US20030044945A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaes, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: F3330R1C24
; CURRENT APPLICATION NUMBER: US/10/142,419
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-142-419-38
Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 349 QLMYKAKPKICSEBDEGAVKLPAAGVKTVCPCPCNPGFKTNNSQPCPYGSSNGSDC 408
QY 409 TRCPAGTEPAVGEFKMNTLPTNMETTVLSGINFEYKGMTGWEVADHITYAAGASDND 468
Db 409 TRCPAGTEPAVGEFKMNTLPTNMETTVLSGINFEYKGMTGWEVADHITYAAGASDND 468
QY 469 FMILLTVVPGFRPPQSVADNENKEVARITFVEFTLCSVNCLEYFMGVNSRTNTPVETW 528
Db 469 FMILLTVVPGFRPPQSVADNENKEVARITFVEFTLCSVNCLEYFMGVNSRTNTPVETW 528
QY 529 KSGKQKQSYTYIIENNTTSFTMAFORTTFHBAARKYTNDAKYSINVTVMNGVASYS 588
Db 529 KSGKQKQSYTYIIENNTTSFTMAFORTTFHBAARKYTNDAKYSINVTVMNGVASYS 588
QY 589 RPKALEASDVSSCTSCSPAGYIIDRSGTCHSCPNTILKAHQPYGVOACVPCGPGTKNN 648
Db 589 RPKALEASDVSSCTSCSPAGYIIDRSGTCHSCPNTILKAHQPYGVOACVPCGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTRTFNYPNSALANTVTLAGSPSTSKGLKXFFHFTLSLGNOC 708
Db 649 KIHSLCYNDCTFSRNTPTRTFNYPNSALANTVTLAGSPSTSKGLKXFFHFTLSLGNOC 708
QY 709 RKMVCCTDNVTDLRIPEGSGFSKSTIAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
Db 709 RKMVCCTDNVTDLRIPEGSGFSKSTIAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
QY 769 VTTDMTLDGITSAPALFPHLSLGIIPDVIFFYRSNDVTQSCSGRSTTIRVRCSPQKTVPG 828
Db 769 VTTDMTLDGITSAPALFPHLSLGIIPDVIFFYRSNDVTQSCSGRSTTIRVRCSPQKTVPG 828
QY 829 SLILPGTCSDBGTCDGCFNHFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLILPGTCSDBGTCDGCFNHFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
RESULT 14
US-10-123-262-38
; Sequence 38, Application US/10123262
; Publication No. US20030049816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaes, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: F3330R1C38
; CURRENT APPLICATION NUMBER: US/10/123,262
; CURRENT FILING DATE: 2002-04-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid

US-10-123-262-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLWYAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMMKTEKGM 228
 DB 169 NTDECTATLWYAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMMKTEKGM 228
 QY 229 EFHSVELNRGNVLYWRTTAFSWTKVPKPVLVRNIAITGAATSECPCKPGYADKOG 288
 DB 229 EFHSVELNRGNVLYWRTTAFSWTKVPKPVLVRNIAITGAATSECPCKPGYADKOG 288
 QY 289 SSFCKLCPSANSYKSGTSCQCPDKYSEKSSCNVRPACTDKOYFYTHACDANGET 348
 DB 289 SSFCKLCPSANSYKSGTSCQCPDKYSEKSSCNVRPACTDKOYFYTHACDANGET 348
 QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFNNSTCQPCPYGYSNSGSDC 408
 DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFNNSTCQPCPYGYSNSGSDC 408
 QY 409 TRCPAGTEPAVGFYKMMNTLPTNMTETVLSGINFYKMGTMGEVAGDHIYTAAGASDND 468
 DB 409 TRCPAGTEPAVGFYKMMNTLPTNMTETVLSGINFYKMGTMGEVAGDHIYTAAGASDND 468
 QY 469 FMILTLVPGRRPQSVADTENKEVARITFVEFTLCSVNCLEYFMVGNSTRNTPVETW 528
 DB 469 FMILTLVPGRRPQSVADTENKEVARITFVEFTLCSVNCLEYFMVGNSTRNTPVETW 528
 QY 529 KGSKGKOSYTIIEENTTSFTMAFORTEHESRKTYNDVAKIYSINVTMMNGVASYS 588
 DB 529 KGSKGKOSYTIIEENTTSFTMAFORTEHESRKTYNDVAKIYSINVTMMNGVASYS 588
 QY 589 RPKALEASDVSSCTSCPAGYIDRDSGTCHSCPNTILKAHOYGVQACVPCPGTKNN 648
 DB 589 RPKALEASDVSSCTSCPAGYIDRDSGTCHSCPNTILKAHOYGVQACVPCPGTKNN 648
 QY 649 KIHSLCTNDCFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKTFHHFTLSLCNOG 708
 DB 649 KIHSLCTNDCFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKTFHHFTLSLCNOG 708
 QY 709 RKMSVCTDNVTDLRIPEGSEGSKSITAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
 DB 709 RKMSVCTDNVTDLRIPEGSEGSKSITAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
 QY 769 VTTDMTLDGITSPALFHLBSLGIPIVIFPYRSNDVTQSCSGRSTTIRVRCSPQKTVPG 828
 DB 769 VTTDMTLDGITSPALFHLBSLGIPIVIFPYRSNDVTQSCSGRSTTIRVRCSPQKTVPG 828
 QY 829 SLLPGLTCSGTCGCFHFLMESAAACPLCSVADYHAIVSSCVAGIO 876
 DB 829 SLLPGLTCSGTCGCFHFLMESAAACPLCSVADYHAIVSSCVAGIO 876

RESULT 15

US-10-142-423-38
 ; Sequence 38, Application US/10142423
 ; Publication No. US20030049817A1
 ; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Deforese, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroli, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Guirney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: F3330R1C249
 ; CURRENT APPLICATION NUMBER: US/10/142,423
 ; PRIORITY FILING DATE: 2002-05-10
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 38
 ; LENGTH: 1013
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: 877, 882
 ; OTHER INFORMATION: unknown amino acid
 ; US-10-142-423-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLWYAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMMKTEKGM 228
 DB 169 NTDECTATLWYAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMMKTEKGM 228
 QY 229 EFHSVELNRGNVLYWRTTAFSWTKVPKPVLVRNIAITGAATSECPCKPGYADKOG 288
 DB 229 EFHSVELNRGNVLYWRTTAFSWTKVPKPVLVRNIAITGAATSECPCKPGYADKOG 288
 QY 289 SSFCKLCPSANSYKSGTSCQCPDKYSEKSSCNVRPACTDKOYFYTHACDANGET 348
 DB 289 SSFCKLCPSANSYKSGTSCQCPDKYSEKSSCNVRPACTDKOYFYTHACDANGET 348
 QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFNNSTCQPCPYGYSNSGSDC 408
 DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPGFNNSTCQPCPYGYSNSGSDC 408
 QY 409 TRCPAGTEPAVGFYKMMNTLPTNMTETVLSGINFYKMGTMGEVAGDHIYTAAGASDND 468
 DB 409 TRCPAGTEPAVGFYKMMNTLPTNMTETVLSGINFYKMGTMGEVAGDHIYTAAGASDND 468
 QY 469 FMILTLVPGRRPQSVADTENKEVARITFVEFTLCSVNCLEYFMVGNSTRNTPVETW 528
 DB 469 FMILTLVPGRRPQSVADTENKEVARITFVEFTLCSVNCLEYFMVGNSTRNTPVETW 528
 QY 529 KGSKGKOSYTIIEENTTSFTMAFORTEHESRKTYNDVAKIYSINVTMMNGVASYS 588
 DB 529 KGSKGKOSYTIIEENTTSFTMAFORTEHESRKTYNDVAKIYSINVTMMNGVASYS 588
 QY 589 RPKALEASDVSSCTSCPAGYIDRDSGTCHSCPNTILKAHOYGVQACVPCPGTKNN 648
 DB 589 RPKALEASDVSSCTSCPAGYIDRDSGTCHSCPNTILKAHOYGVQACVPCPGTKNN 648
 QY 649 KIHSLCTNDCFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKTFHHFTLSLCNOG 708
 DB 649 KIHSLCTNDCFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKTFHHFTLSLCNOG 708
 QY 709 RKMSVCTDNVTDLRIPEGSEGSKSITAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
 DB 709 RKMSVCTDNVTDLRIPEGSEGSKSITAYVCOAVIIPPEVTGYAGVSSQPSVLADRLIG 768
 QY 769 VTTDMTLDGITSPALFHLBSLGIPIVIFPYRSNDVTQSCSGRSTTIRVRCSPQKTVPG 828
 DB 769 VTTDMTLDGITSPALFHLBSLGIPIVIFPYRSNDVTQSCSGRSTTIRVRCSPQKTVPG 828
 QY 829 SLLPGLTCSGTCGCFHFLMESAAACPLCSVADYHAIVSSCVAGIO 876
 DB 829 SLLPGLTCSGTCGCFHFLMESAAACPLCSVADYHAIVSSCVAGIO 876

```

RESULT 16
US-10-121-050-38
; Sequence 38, Application US/10121050
; Publication No. US2003005451CA1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C20
; CURRENT APPLICATION NUMBER: US/10/121,050
; CURRENT FILING DATE: 2002-04-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-121-050-38

```

```

Query Match          70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMKTTEKGM 228
DB 169 NTDECTATLMAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMKTTEKGM 228
QY 229 EFHSVEILNRGNVLYMRTTAFSVWTKVPKPVLVNNIAITGAATSECFPCPGTYADKOG 288
DB 229 EFHSVEILNRGNVLYMRTTAFSVWTKVPKPVLVNNIAITGAATSECFPCPGTYADKOG 288
QY 289 SSFCKLCPANSYSNKGSTSGHQCDPDKYSEKSSCNVRPACTDKDYFYHTACDANGET 348
DB 289 SSFCKLCPANSYSNKGSTSGHQCDPDKYSEKSSCNVRPACTDKDYFYHTACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAYKLPAASGVKTCPCPNBGFPTNNSTOCPGYSYNSGSDC 408
DB 349 QLMYKMAKPKICSEDLGAYKLPAASGVKTCPCPNBGFPTNNSTOCPGYSYNSGSDC 408
QY 409 TRCPAGTEPAVGFYKWMNTLPTNMTTVLSGINFEYKMGTEVAGDHIYTAAGASDND 468
DB 409 TRCPAGTEPAVGFYKWMNTLPTNMTTVLSGINFEYKMGTEVAGDHIYTAAGASDND 468
QY 469 FMILTLVPPGRPPQSMADTENKEVARITFVPEITLCSVNGCELYFVNGVNSRNTVEVETM 528
DB 469 FMILTLVPPGRPPQSMADTENKEVARITFVPEITLCSVNGCELYFVNGVNSRNTVEVETM 528
QY 529 KGSKGKOSYTYIIIEENTTISFTWAFORTFHEASRKYTNDAKIYSGINVTNNVNGVASYC 588
DB 529 KGSKGKOSYTYIIIEENTTISFTWAFORTFHEASRKYTNDAKIYSGINVTNNVNGVASYC 588
QY 589 RPKALEASDVGSCTSCPAAGYIDRDSGTCSCPPNTILKAHQPYGVQACVCPGPGTKNN 648

```

```

DB 589 RPKALEASDVGSCTSCPAAGYIDRDSGTCSCPPNTILKAHQPYGVQACVCPGPGTKNN 648
QY 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAGGSPFTSGKLYRHHFTLSICGNQ 708
DB 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAGGSPFTSGKLYRHHFTLSICGNQ 708
QY 709 RRMVSTQDNTVTLRIPEGSSGFSKITAYVCCAVIIPPEVYGYKAGVSSOPVSLADRLIG 768
DB 709 RRMVSTQDNTVTLRIPEGSSGFSKITAYVCCAVIIPPEVYGYKAGVSSOPVSLADRLIG 768
QY 769 VTTDMTLDGITSPALFHEISLIGIDVIFFYRSNDVTQSCSSGRSTTRVRCSPQKTVPG 828
DB 769 VTTDMTLDGITSPALFHEISLIGIDVIFFYRSNDVTQSCSSGRSTTRVRCSPQKTVPG 828
QY 829 SLLPQTSQDGTGDCGNPFHFWESAACPLCSVDYHAIYSSCVAGIQ 876
DB 829 SLLPQTSQDGTGDCGNPFHFWESAACPLCSVDYHAIYSSCVAGIQ 876

```

```

RESULT 17
US-10-141-755-38
; Sequence 38, Application US/10141755
; Publication No. US20030054517A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330R1C192
; CURRENT APPLICATION NUMBER: US/10/141,755
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-141-755-38

```

```

Query Match          70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMKTTEKGM 228
DB 169 NTDECTATLMAVNLKOSGTVNFEYYPDSIIIEFFVQNDQCPNADSRMKTTEKGM 228
QY 229 EFHSVEILNRGNVLYMRTTAFSVWTKVPKPVLVNNIAITGAATSECFPCPGTYADKOG 288
DB 229 EFHSVEILNRGNVLYMRTTAFSVWTKVPKPVLVNNIAITGAATSECFPCPGTYADKOG 288
QY 289 SSFCKLCPANSYSNKGSTSGHQCDPDKYSEKSSCNVRPACTDKDYFYHTACDANGET 348

```

```

Db 289 SSFCKLCPANSYNSKGETSCHQCDPKYSEKSSSCNVRPACTDKDYFYTHTRACDANGET 348
Qy 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNNSCTCCPCYGSYNSGSDC 408
Db 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNNSCTCCPCYGSYNSGSDC 408
Qy 409 TRCPAGTEPAVGFYKWMNTLPNTMETVLSGINFYKMGTMGEVADHLYTAAGASDND 468
Db 409 TRCPAGTEPAVGFYKWMNTLPNTMETVLSGINFYKMGTMGEVADHLYTAAGASDND 468
Qy 469 FMILTLVPGFRPPOSVMADTENKEVARITFVETLCSVNCCLYFMVGNVSRNTPEYEW 528
Db 469 FMILTLVPGFRPPOSVMADTENKEVARITFVETLCSVNCCLYFMVGNVSRNTPEYEW 528
Qy 529 KSGKSGOSYTYIIIEENTTSFTWAFORTTFHEASRKYTNDAKIYSINTVNMVNASYC 588
Db 529 KSGKSGOSYTYIIIEENTTSFTWAFORTTFHEASRKYTNDAKIYSINTVNMVNASYC 588
Qy 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVOACVPCPGPTKRN 648
Db 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVOACVPCPGPTKRN 648
Qy 649 KHSICNDCTFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKXFHFTLSLCSNQG 708
Db 649 KHSICNDCTFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKXFHFTLSLCSNQG 708
Qy 709 RKMSVCTDNVTDLRIPBESGFSKSTIAYVCAVILPEVYGYKAGVSSQVSLADRLIG 768
Db 709 RKMSVCTDNVTDLRIPBESGFSKSTIAYVCAVILPEVYGYKAGVSSQVSLADRLIG 768
Qy 769 VTTDMTLDGITSPELPHLSLGIPIVIFFRSNDVTQSSGSRSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSPELPHLSLGIPIVIFFRSNDVTQSSGSRSTTIRVCSPOKTVPG 828
Qy 829 SLLPGTCSGDTGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPGTCSGDTGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 18
US-10-143-032-38
; Sequence 38, Application US/10143032
; Publication No. US2003005909A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Mei-Qiang
; APPLICANT: Gerltisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C245
; CURRENT APPLICATION NUMBER: US/10/143, 032
; PRIOR APPLICATION REMOVED - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:

```

```

; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-143-032-38

Query Match
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NTDECTATLMYAVNLKQSGTVNEEYYPDSIIIEEFVQNDQCPNADSRMKTTEKG 228
Db 169 NTDECTATLMYAVNLKQSGTVNEEYYPDSIIIEEFVQNDQCPNADSRMKTTEKG 228
Qy 229 EFHSELNKGNNVLYKRTTAFSWTWVPPKPVLYRNALIGVATSSCFCKPQTVADKOG 288
Db 229 EFHSELNKGNNVLYKRTTAFSWTWVPPKPVLYRNALIGVATSSCFCKPQTVADKOG 288
Qy 289 SSFCKLCPANSYNSKGETSCHQCDPKYSEKSSSCNVRPACTDKDYFYTHTRACDANGET 348
Db 289 SSFCKLCPANSYNSKGETSCHQCDPKYSEKSSSCNVRPACTDKDYFYTHTRACDANGET 348
Qy 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNNSCTCCPCYGSYNSGSDC 408
Db 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPGFFKTNNSCTCCPCYGSYNSGSDC 408
Qy 409 TRCPAGTEPAVGFYKWMNTLPNTMETVLSGINFYKMGTMGEVADHLYTAAGASDND 468
Db 409 TRCPAGTEPAVGFYKWMNTLPNTMETVLSGINFYKMGTMGEVADHLYTAAGASDND 468
Qy 469 FMILTLVPGFRPPOSVMADTENKEVARITFVETLCSVNCCLYFMVGNVSRNTPEYEW 528
Db 469 FMILTLVPGFRPPOSVMADTENKEVARITFVETLCSVNCCLYFMVGNVSRNTPEYEW 528
Qy 529 KSGKSGOSYTYIIIEENTTSFTWAFORTTFHEASRKYTNDAKIYSINTVNMVNASYC 588
Db 529 KSGKSGOSYTYIIIEENTTSFTWAFORTTFHEASRKYTNDAKIYSINTVNMVNASYC 588
Qy 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVOACVPCPGPTKRN 648
Db 589 RPKALEASDVGSCTSCPAGYIIDRDSGTCHSCPNTILKAHQPYGVOACVPCPGPTKRN 648
Qy 649 KHSICNDCTFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKXFHFTLSLCSNQG 708
Db 649 KHSICNDCTFSRNTPTRTFNYSALANTVTLAAGPSFTSKGLKXFHFTLSLCSNQG 708
Qy 709 RKMSVCTDNVTDLRIPBESGFSKSTIAYVCAVILPEVYGYKAGVSSQVSLADRLIG 768
Db 709 RKMSVCTDNVTDLRIPBESGFSKSTIAYVCAVILPEVYGYKAGVSSQVSLADRLIG 768
Qy 769 VTTDMTLDGITSPELPHLSLGIPIVIFFRSNDVTQSSGSRSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSPELPHLSLGIPIVIFFRSNDVTQSSGSRSTTIRVCSPOKTVPG 828
Qy 829 SLLPGTCSGDTGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPGTCSGDTGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 19
US-10-123-108-38
; Sequence 38, Application US/10123108
; Publication No. US2003006879A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Mei-Qiang
; APPLICANT: Gerltisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.

```


APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumahe, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P330R1C36
CURRENT APPLICATION NUMBER: US/10/123,108
CURRENT FILING DATE: 2002-04-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR FILING DATE: 1997-09-24
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062814
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063045
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063127
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063327
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063550
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063561
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/063704
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063735
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063738
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/063755
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064248
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/064809
PRIOR FILING DATE: 1997-11-07
PRIOR APPLICATION NUMBER: 60/065186

PRIOR FILING DATE: 1997-11-12
PRIOR APPLICATION NUMBER: 60/065846
PRIOR FILING DATE: 1997-11-17
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066453
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/066770
PRIOR FILING DATE: 1997-11-24
PRIOR APPLICATION NUMBER: 60/069212
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069278
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069334
PRIOR FILING DATE: 1997-12-11
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/072320
PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612
PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081695
PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999
PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149
PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697
PRIOR FILING DATE: 1998-05-15

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVAVLKOSGVNFEEYYPDSIIIEFFVQNDQCPNADDSRMKTTKGM 228
DB 169 NTDECTATLMAVAVLKOSGVNFEEYYPDSIIIEFFVQNDQCPNADDSRMKTTKGM 228

QY 229 EFHSVELNRGNVLYWRTTASVTKVPKPVLYRNIAITGVAATSECFPCPKGTADKOG 288
DB 229 EFHSVELNRGNVLYWRTTASVTKVPKPVLYRNIAITGVAATSECFPCPKGTADKOG 288

QY 289 SSFCKLCPANSYSKSGTSCQCPDKYSEKSSCNVRPACTKDYVTHTADANGET 348
DB 289 SSFCKLCPANSYSKSGTSCQCPDKYSEKSSCNVRPACTKDYVTHTADANGET 348

QY 349 QLMYKMAKPKICSEDLGAVLPAAGVTHCPNPGFFKNNSTCOPCPYSGYSNGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVLPAAGVTHCPNPGFFKNNSTCOPCPYSGYSNGSDC 408

QY 409 TRCAGTBPAGFEYKMMNLPNNMETVLSGINFEYKMGMEVAGDHITTAAGASDND 468
DB 409 TRCAGTBPAGFEYKMMNLPNNMETVLSGINFEYKMGMEVAGDHITTAAGASDND 468

QY 469 FMILLVPGRPPOSVADTENKEVARITEVFETLCSVNCLEYFMGVNVRNTPTVETW 528
DB 469 FMILLVPGRPPOSVADTENKEVARITEVFETLCSVNCLEYFMGVNVRNTPTVETW 528

QY 529 KSGKSGOSYIIEENTTSFTWAFOPTTPEASRKYTNDAKIYSINVTNMGVASYC 588
DB 529 KSGKSGOSYIIEENTTSFTWAFOPTTPEASRKYTNDAKIYSINVTNMGVASYC 588

QY 589 RPALEASDVSSCTSCPAGYIDRDSGTCHSCPNTILKAHQPYGQACVPCGPGTKNN 648
DB 589 RPALEASDVSSCTSCPAGYIDRDSGTCHSCPNTILKAHQPYGQACVPCGPGTKNN 648

QY 649 KHSICNDCTFSRNTPTRFNFNFSAANTYTLAGPSTSGLYFHHFTLSLGNQG 708
DB 649 KHSICNDCTFSRNTPTRFNFNFSAANTYTLAGPSTSGLYFHHFTLSLGNQG 708

QY 709 RKMSVCTDNTDLRIPEGSEFSGSKITAYVCAVILPEVYTGKAGVSQPSVLAORLIG 768
DB 709 RKMSVCTDNTDLRIPEGSEFSGSKITAYVCAVILPEVYTGKAGVSQPSVLAORLIG 768

QY 769 VTTDMTIDGITSFAELFHLSELCIPVIFPYRSDVYQSCSSGRSTIRVRCSPKTVPG 828
DB 769 VTTDMTIDGITSFAELFHLSELCIPVIFPYRSDVYQSCSSGRSTIRVRCSPKTVPG 828

QY 829 SLLPGTCSGTCGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876
DB 829 SLLPGTCSGTCGDCGNFHLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 20

US-10-123-236-38
Sequence 38, Application US/10123236
Publication No. US20030068795A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Laureen
APPLICANT: Deforge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C33
CURRENT APPLICATION NUMBER: US/10/123,236
PRIORITY FILING DATE: 2002-04-15
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 38
LENGTH: 1013
TYPE: PRT
ORGANISM: Homo Sapien
FEATURE:
NAME/KEY: unsure
LOCATION: 877, 882
OTHER INFORMATION: unknown amino acid
US*10-123-236-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAVAVLKOSGVNFEEYYPDSIIIEFFVQNDQCPNADDSRMKTTKGM 228
DB 169 NTDECTATLMAVAVLKOSGVNFEEYYPDSIIIEFFVQNDQCPNADDSRMKTTKGM 228

QY 229 EFHSVELNRGNVLYWRTTASVTKVPKPVLYRNIAITGVAATSECFPCPKGTADKOG 288
DB 229 EFHSVELNRGNVLYWRTTASVTKVPKPVLYRNIAITGVAATSECFPCPKGTADKOG 288


```

; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; PRIOR APPLICATION REMOVED - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-140-921-38

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NTDECTATLMAVAVLKOSGTVNFEYYPDSIIPEFFVQNDQCPNADDSRMKTKTEKGM 228
Db 169 NTDECTATLMAVAVLKOSGTVNFEYYPDSIIPEFFVQNDQCPNADDSRMKTKTEKGM 228

Qy 229 EFHSVELNRGNVLYWRTAFSVWTKPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288
Db 229 EFHSVELNRGNVLYWRTAFSVWTKPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288

Qy 289 SSFCKLCPANSYSNKGTSCHQCDPKKSEKSSSCNRPACTDKDYFHTACDANGET 348
Db 289 SSFCKLCPANSYSNKGTSCHQCDPKKSEKSSSCNRPACTDKDYFHTACDANGET 348

Qy 349 QLMYKMAKPKICSEDLGAVLTPASGVKTHCPNCPGFFKTNNSQCPGYSYNSGSDC 408
Db 349 QLMYKMAKPKICSEDLGAVLTPASGVKTHCPNCPGFFKTNNSQCPGYSYNSGSDC 408

Qy 409 TRCPAGTEPAVGFYKMMNTLPTNMETTVLSGINFEXKMGWGMEVAGDHIYTAAGASDND 468
Db 409 TRCPAGTEPAVGFYKMMNTLPTNMETTVLSGINFEXKMGWGMEVAGDHIYTAAGASDND 468

Qy 469 FMILTIVPGFRPPOSVMADTENKEVARITFVFETLCSVNCELYFMGVNSRNTTPVETW 528
Db 469 FMILTIVPGFRPPOSVMADTENKEVARITFVFETLCSVNCELYFMGVNSRNTTPVETW 528

Qy 529 KGSKGKOSYTIIEENTTSTFTMAFORTTPEASRKTYNDVAKIYSINVTVMGVASYS 588
Db 529 KGSKGKOSYTIIEENTTSTFTMAFORTTPEASRKTYNDVAKIYSINVTVMGVASYS 588

Qy 589 RPKALEASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHPYGVACVPCPGRTKN 648
Db 589 RPKALEASDVSSCTSCPAGYIIDRDSGTCHSCPNTILKAHPYGVACVPCPGRTKN 648

Qy 649 KIHSLCNDCTFSRNTPTRTNPNFSAIANVTLAGGSPFSKIGKYHHHTLSICNGOG 708
Db 649 KIHSLCNDCTFSRNTPTRTNPNFSAIANVTLAGGSPFSKIGKYHHHTLSICNGOG 708

Qy 709 RKMSVCTDNVTLRIPEGESGFSKSTAYVCOAVIIPPEVGYKAGVSSQVSLADRLIG 768
Db 709 RKMSVCTDNVTLRIPEGESGFSKSTAYVCOAVIIPPEVGYKAGVSSQVSLADRLIG 768

Qy 769 VTTMTLIDGITSAPALFHLBSLGIIPDVIFPYRSNDVTQSCSGRSTTIRVCSPOKTVPG 828
Db 769 VTTMTLIDGITSAPALFHLBSLGIIPDVIFPYRSNDVTQSCSGRSTTIRVCSPOKTVPG 828

```

```

Qy 829 SLILPGTCSDETCDCGNFHLMSAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLILPGTCSDETCDCGNFHLMSAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 23
US-10-140-928-38
; Sequence 38, Application US/10140928
; Publication No. US2003068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C186
; CURRENT APPLICATION NUMBER: US/10/140,928
; PRIOR APPLICATION REMOVED - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-140-928-38

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NTDECTATLMAVAVLKOSGTVNFEYYPDSIIPEFFVQNDQCPNADDSRMKTKTEKGM 228
Db 169 NTDECTATLMAVAVLKOSGTVNFEYYPDSIIPEFFVQNDQCPNADDSRMKTKTEKGM 228

Qy 229 EFHSVELNRGNVLYWRTAFSVWTKPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288
Db 229 EFHSVELNRGNVLYWRTAFSVWTKPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288

Qy 289 SSFCKLCPANSYSNKGTSCHQCDPKKSEKSSSCNRPACTDKDYFHTACDANGET 348
Db 289 SSFCKLCPANSYSNKGTSCHQCDPKKSEKSSSCNRPACTDKDYFHTACDANGET 348

Qy 349 QLMYKMAKPKICSEDLGAVLTPASGVKTHCPNCPGFFKTNNSQCPGYSYNSGSDC 408
Db 349 QLMYKMAKPKICSEDLGAVLTPASGVKTHCPNCPGFFKTNNSQCPGYSYNSGSDC 408

Qy 409 TRCPAGTEPAVGFYKMMNTLPTNMETTVLSGINFEXKMGWGMEVAGDHIYTAAGASDND 468
Db 409 TRCPAGTEPAVGFYKMMNTLPTNMETTVLSGINFEXKMGWGMEVAGDHIYTAAGASDND 468

Qy 469 FMILTIVPGFRPPOSVMADTENKEVARITFVFETLCSVNCELYFMGVNSRNTTPVETW 528
Db 469 FMILTIVPGFRPPOSVMADTENKEVARITFVFETLCSVNCELYFMGVNSRNTTPVETW 528

```

QY 529 KSGKQSYTYIIIEENTTSFTMAFORTTFRASRYTNDVAKIYSINTVNMNGVASYC 588
 DB 529 KSGKQSYTYIIIEENTTSFTMAFORTTFRASRYTNDVAKIYSINTVNMNGVASYC 588
 QY 589 RPCALASDVSSCTSCPAGYIYIDRDSGTCHSCPNTTIKAHQPYGVQACVPCGPGTKNN 648
 DB 589 RPCALASDVSSCTSCPAGYIYIDRDSGTCHSCPNTTIKAHQPYGVQACVPCGPGTKNN 648
 QY 649 KTHSLCYNDCTSRNTPTTTFYNSALANTVTLAGPSFTSKGKYPHFTLSLGNQG 708
 DB 649 KTHSLCYNDCTSRNTPTTTFYNSALANTVTLAGPSFTSKGKYPHFTLSLGNQG 708
 QY 709 RKMSVCTDNVTLRIPEGSGFSKSIITAVCOAVIIPBEVGYKAGVSSQPSLADRLIG 768
 DB 709 RKMSVCTDNVTLRIPEGSGFSKSIITAVCOAVIIPBEVGYKAGVSSQPSLADRLIG 768
 QY 769 VTTDMTLDGITSFPAELFHELSIGIPDVIFFYRSDVDTOSCSGSRSTTRVCSPOKTVPG 828
 DB 769 VTTDMTLDGITSFPAELFHELSIGIPDVIFFYRSDVDTOSCSGSRSTTRVCSPOKTVPG 828
 QY 829 SLLPCTGSDGTCDGCFHFLMESAAACPLCSVDYHAIIVSSCVAGIQ 876
 DB 829 SLLPCTGSDGTCDGCFHFLMESAAACPLCSVDYHAIIVSSCVAGIQ 876

RESULT 24

US-10-121-045-38

/ Sequence 38, Application US/10121045
 / Publication No. US20030073210A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: Deforge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Sherwood, Steven
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Watanabe, Colin K
 / APPLICANT: Wood, William
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / FILE REFERENCE: P330R1C8
 / CURRENT APPLICATION NUMBER: US/10/121,045
 / CURRENT FILING DATE: 2002-04-11
 / Prior Application removed - See file Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 550
 / SEQ ID NO 38
 / LENGTH: 1013
 / TYPE: PRT
 / ORGANISM: Homo Sapien
 / FEATURE:
 / NAME/KEY: unsure
 / LOCATION: 877, 882
 / OTHER INFORMATION: unknown amino acid
 / US-10-121-045-38

Query Match

Best Local Similarity 70.7%; Score 708; DB 9; Length 1013;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLWAVNLKSGTVNFEYYPDSIIIEFFVQNDQCPNADDSRMWKTTEKGM 228
 DB 169 NTDECTATLWAVNLKSGTVNFEYYPDSIIIEFFVQNDQCPNADDSRMWKTTEKGM 228
 QY 229 EFHSEVLNRGNVLYWRTTAFSVWTKVPKFVLVRNIAITGVAVTSBPCPKGTAVADKOG 288

DB 229 EFHSEVLNRGNVLYWRTTAFSVWTKVPKFVLVRNIAITGVAVTSBPCPKGTAVADKOG 288
 QY 289 SSFCKLCPASYSNKGRTSCHQCDPDKYSEKSSCNVRPACTDKDYFTYTHACDANGST 348
 DB 289 SSFCKLCPASYSNKGRTSCHQCDPDKYSEKSSCNVRPACTDKDYFTYTHACDANGST 348
 QY 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPNPFKTNNSSTQCPDYSYNSGSC 408
 DB 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCPNPFKTNNSSTQCPDYSYNSGSC 408
 QY 409 TRCPAGTEPAVGEYKMWNTLPNTMETVLSGINEYKMGTEVAGDH1YTAAGASDND 468
 DB 409 TRCPAGTEPAVGEYKMWNTLPNTMETVLSGINEYKMGTEVAGDH1YTAAGASDND 468
 QY 469 FMILTIVPGEFRPOSVMADTENKEVARITFVEFLCSVNCBLYFMVGVNSRTNTPVEWT 528
 DB 469 FMILTIVPGEFRPOSVMADTENKEVARITFVEFLCSVNCBLYFMVGVNSRTNTPVEWT 528
 QY 529 KSGKQSYTYIIIEENTTSFTMAFORTTFRASRYTNDVAKIYSINTVNMNGVASYC 588
 DB 529 KSGKQSYTYIIIEENTTSFTMAFORTTFRASRYTNDVAKIYSINTVNMNGVASYC 588
 QY 589 RPCALASDVSSCTSCPAGYIYIDRDSGTCHSCPNTTIKAHQPYGVQACVPCGPGTKNN 648
 DB 589 RPCALASDVSSCTSCPAGYIYIDRDSGTCHSCPNTTIKAHQPYGVQACVPCGPGTKNN 648
 QY 649 KTHSLCYNDCTSRNTPTTTFYNSALANTVTLAGPSFTSKGKYPHFTLSLGNQG 708
 DB 649 KTHSLCYNDCTSRNTPTTTFYNSALANTVTLAGPSFTSKGKYPHFTLSLGNQG 708
 QY 709 RKMSVCTDNVTLRIPEGSGFSKSIITAVCOAVIIPBEVGYKAGVSSQPSLADRLIG 768
 DB 709 RKMSVCTDNVTLRIPEGSGFSKSIITAVCOAVIIPBEVGYKAGVSSQPSLADRLIG 768
 QY 769 VTTDMTLDGITSFPAELFHELSIGIPDVIFFYRSDVDTOSCSGSRSTTRVCSPOKTVPG 828
 DB 769 VTTDMTLDGITSFPAELFHELSIGIPDVIFFYRSDVDTOSCSGSRSTTRVCSPOKTVPG 828
 QY 829 SLLPCTGSDGTCDGCFHFLMESAAACPLCSVDYHAIIVSSCVAGIQ 876
 DB 829 SLLPCTGSDGTCDGCFHFLMESAAACPLCSVDYHAIIVSSCVAGIQ 876

RESULT 25

US-10-123-292-38

/ Sequence 38, Application US/10123292
 / Publication No. US20030073211A1
 / GENERAL INFORMATION:
 / APPLICANT: Baker, Kevin P.
 / APPLICANT: Beresini, Maureen
 / APPLICANT: Deforge, Laura
 / APPLICANT: Desnoyers, Luc
 / APPLICANT: Filvaroff, Ellen
 / APPLICANT: Gao, Wei-Qiang
 / APPLICANT: Gerritsen, Mary E.
 / APPLICANT: Goddard, Audrey
 / APPLICANT: Godowski, Paul J.
 / APPLICANT: Gurney, Austin L.
 / APPLICANT: Sherwood, Steven
 / APPLICANT: Smith, Victoria
 / APPLICANT: Stewart, Timothy A.
 / APPLICANT: Tumas, Daniel
 / APPLICANT: Watanabe, Colin K
 / APPLICANT: Wood, William
 / APPLICANT: Zhang, Zemin
 / TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 / FILE REFERENCE: P330R1C32
 / CURRENT APPLICATION NUMBER: US/10/123,292
 / CURRENT FILING DATE: 2002-04-15
 / Prior Application removed - See file Wrapper or Palm
 / NUMBER OF SEQ ID NOS: 550

```

; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-123-292-38

```

```

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATMTAAVNLKOSGVNFEYYPDSIIFFEFVQNDQCPNADBSRMKTKTEKGM 228
DB 169 NTDECTATMTAAVNLKOSGVNFEYYPDSIIFFEFVQNDQCPNADBSRMKTKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPVLVNIATGVAATSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPVLVNIATGVAATSECPCKPGTYADKOG 288
QY 289 SSFCKLCFANYSNKGSTCHQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
DB 289 SSFCKLCFANYSNKGSTCHQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPAAGVKTCPNPGFCKTNNSTCQPCPGYSYNSGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVKLPAAGVKTCPNPGFCKTNNSTCQPCPGYSYNSGSDC 408
QY 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFEYKMGTMGVAADHITYAAGASDND 468
DB 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFEYKMGTMGVAADHITYAAGASDND 468
QY 469 FMILTLVVGFRPPQSVADTENKEVARITFVFETLCSVNCELYFMVGVNSRTNTPVETW 528
DB 469 FMILTLVVGFRPPQSVADTENKEVARITFVFETLCSVNCELYFMVGVNSRTNTPVETW 528
QY 529 KSGSKGOSYTYIIEENTTSFTMAFORTTHEASRKYTNDAKISINTVNMVNGVASYC 588
DB 529 KSGSKGOSYTYIIEENTTSFTMAFORTTHEASRKYTNDAKISINTVNMVNGVASYC 588
QY 589 RPKALEASDVSSCTSCPGAGYIDRDSGTCHSCPNTILKAHOPGYVOACVPCPGTKNN 648
DB 589 RPKALEASDVSSCTSCPGAGYIDRDSGTCHSCPNTILKAHOPGYVOACVPCPGTKNN 648
QY 649 KIHSCLCNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKTFHHFTLSLGNQ 708
DB 649 KIHSCLCNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKTFHHFTLSLGNQ 708
QY 709 RKMSVCTDNVTDLRIPEGSGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
DB 709 RKMSVCTDNVTDLRIPEGSGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
QY 769 VTTMTLIDGITSAPLEHLSLGIPOVYFFRNSDVYQSSGSRSTIIRVCSPOKTPVP 828
DB 769 VTTMTLIDGITSAPLEHLSLGIPOVYFFRNSDVYQSSGSRSTIIRVCSPOKTPVP 828
QY 829 SLLPFGTSCDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAIGIQ 876
DB 829 SLLPFGTSCDGTCDGCFHFLMESAAACPLCSVADYHAIVSSCVAIGIQ 876

```

RESULT 26

```

US-10-123-903-38
; Sequence 38, Application US/10123903
; Publication No. US2003007212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Laura
; APPLICANT: DeGeorge, Laura
; APPLICANT: Deenoyers, Luc
; APPLICANT: Filvaroff, Ellen

```

```

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Geriltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Tumanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zhen
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C51
; CURRENT APPLICATION NUMBER: US/10/123,903
; PRIORITY FILING DATE: 2002-04-16
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-123-903-38

```

```

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 169 NTDECTATMTAAVNLKOSGVNFEYYPDSIIFFEFVQNDQCPNADBSRMKTKTEKGM 228
DB 169 NTDECTATMTAAVNLKOSGVNFEYYPDSIIFFEFVQNDQCPNADBSRMKTKTEKGM 228
QY 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPVLVNIATGVAATSECPCKPGTYADKOG 288
DB 229 EFHSVELNRGNVLYWRTAFSVWTKVPKPVLVNIATGVAATSECPCKPGTYADKOG 288
QY 289 SSFCKLCFANYSNKGSTCHQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
DB 289 SSFCKLCFANYSNKGSTCHQCDPKYSEKSSCNVRPACTDKDYFYTHACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPAAGVKTCPNPGFCKTNNSTCQPCPGYSYNSGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVKLPAAGVKTCPNPGFCKTNNSTCQPCPGYSYNSGSDC 408
QY 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFEYKMGTMGVAADHITYAAGASDND 468
DB 409 TRCPAGTEPAVGEFYKMMNTLPTNMETTVLSGINFEYKMGTMGVAADHITYAAGASDND 468
QY 469 FMILTLVVGFRPPQSVADTENKEVARITFVFETLCSVNCELYFMVGVNSRTNTPVETW 528
DB 469 FMILTLVVGFRPPQSVADTENKEVARITFVFETLCSVNCELYFMVGVNSRTNTPVETW 528
QY 529 KSGSKGOSYTYIIEENTTSFTMAFORTTHEASRKYTNDAKISINTVNMVNGVASYC 588
DB 529 KSGSKGOSYTYIIEENTTSFTMAFORTTHEASRKYTNDAKISINTVNMVNGVASYC 588
QY 589 RPKALEASDVSSCTSCPGAGYIDRDSGTCHSCPNTILKAHOPGYVOACVPCPGTKNN 648
DB 589 RPKALEASDVSSCTSCPGAGYIDRDSGTCHSCPNTILKAHOPGYVOACVPCPGTKNN 648
QY 649 KIHSCLCNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKTFHHFTLSLGNQ 708
DB 649 KIHSCLCNDCTFSRNTPTRTFNYSALANTVTLAGSPFTSKGLKTFHHFTLSLGNQ 708
QY 709 RKMSVCTDNVTDLRIPEGSGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768
DB 709 RKMSVCTDNVTDLRIPEGSGFSKSIITAYVCOAVIIPPEVTGYKAGVSSQPVSLADRLIG 768

```


QY 769 VTDMTLIDGITS PAELFHLBSLGIPDVIFFRSNDVTOSCGSGRTTIRVCSPOKTVPG 828
 DB 769 VTDMTLIDGITS PAELFHLBSLGIPDVIFFRSNDVTOSCGSGRTTIRVCSPOKTVPG 828
 QY 829 SLILPGTSDGTCDGCGNHFHLMESAAACPLCSVADYHAIVSSCVAGIQ 876
 DB 829 SLILPGTSDGTCDGCGNHFHLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 27

US-10-124-819-38
 ; Sequence 38, Application US/10124819
 ; Publication No. US2003007321A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P330R1C65
 ; CURRENT APPLICATION NUMBER: US/10/124,819
 ; PRIORITY FILING DATE: 2002-04-17
 ; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 38
 ; LENGTH: 1013
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: 877, 882
 ; OTHER INFORMATION: unknown amino acid
 US-10-124-819-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAAVNLKOSGTVNFEYYYPDSIIFFEFVONDQOPNADSRMWTTEKGM 228
 DB 169 NTDECTATLMAAVNLKOSGTVNFEYYYPDSIIFFEFVONDQOPNADSRMWTTEKGM 228
 QY 229 EFHSVELNRGNVLYMRTAFSVWTKPKRYVRYNTAIGVATATSCPFCKRTYADKOG 288
 DB 229 EFHSVELNRGNVLYMRTAFSVWTKPKRYVRYNTAIGVATATSCPFCKRTYADKOG 288
 QY 289 SSFCKLCPSANSYNSKGETSCHQCDPKYSEKSSSCNVBPACTDKDYFYTHTACDANGET 348
 DB 289 SSFCKLCPSANSYNSKGETSCHQCDPKYSEKSSSCNVBPACTDKDYFYTHTACDANGET 348
 QY 349 QLMYKAKKPKICSEDLGAVKLPASGVKTHCPNCPGFFITNNSICOPCPYSGSYNGSDC 408
 DB 349 QLMYKAKKPKICSEDLGAVKLPASGVKTHCPNCPGFFITNNSICOPCPYSGSYNGSDC 408
 QY 409 TRCPAGTEPAVGEYKMWNTLPNMTETVLSGINFYKAGTGEVAGDHITTAAGSDND 468
 DB 409 TRCPAGTEPAVGEYKMWNTLPNMTETVLSGINFYKAGTGEVAGDHITTAAGSDND 468
 QY 469 FMLTLVPGFRPPQSVADTENKEVARITFEETLCSVNCLELYFMVGVNSRTNTPVETW 528

DB 469 FMLTLVPGFRPPQSVADTENKEVARITFEETLCSVNCLELYFMVGVNSRTNTPVETW 528
 QY 529 KSKGKQSTYTIIEENTTSFTMAFORTTFHASKRYNDVAKIYSINVTWANGVASYC 588
 DB 529 KSKGKQSTYTIIEENTTSFTMAFORTTFHASKRYNDVAKIYSINVTWANGVASYC 588
 QY 589 RPCALEASDVSSCTSCPAGYIYDRDSGTCHSCPNTILKAHOPGYOACVPCGGGTGN 648
 DB 589 RPCALEASDVSSCTSCPAGYIYDRDSGTCHSCPNTILKAHOPGYOACVPCGGGTGN 648
 QY 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAGGSPFTSKGKYFHFHTLSLGNQG 708
 DB 649 KIHSLCYNDCTFSRNTPTRTFNYSALANTVTLAGGSPFTSKGKYFHFHTLSLGNQG 708
 QY 709 RKMSVCTDNVDLRIPEBSGFSKITVYCOAVIPEEYGVYAGVSSQPVSLADRLIG 768
 DB 709 RKMSVCTDNVDLRIPEBSGFSKITVYCOAVIPEEYGVYAGVSSQPVSLADRLIG 768
 QY 769 VTDMTLIDGITS PAELFHLBSLGIPDVIFFRSNDVTOSCGSGRTTIRVCSPOKTVPG 828
 DB 769 VTDMTLIDGITS PAELFHLBSLGIPDVIFFRSNDVTOSCGSGRTTIRVCSPOKTVPG 828
 QY 829 SLILPGTSDGTCDGCGNHFHLMESAAACPLCSVADYHAIVSSCVAGIQ 876
 DB 829 SLILPGTSDGTCDGCGNHFHLMESAAACPLCSVADYHAIVSSCVAGIQ 876

RESULT 28

US-10-124-822-38
 ; Sequence 38, Application US/10124822
 ; Publication No. US2003007321A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Beresini, Maureen
 ; APPLICANT: DeForge, Laura
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Gerritsen, Mary E.
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Sherwood, Steven
 ; APPLICANT: Smith, Victoria
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tumas, Daniel
 ; APPLICANT: Watanabe, Colin K
 ; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; TITLE OF INVENTION: ACIDS ENCODING THE SAME
 ; FILE REFERENCE: P330R1C64
 ; CURRENT APPLICATION NUMBER: US/10/124,822
 ; PRIORITY FILING DATE: 2002-04-17
 ; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 38
 ; LENGTH: 1013
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ; FEATURE:
 ; NAME/KEY: unsure
 ; LOCATION: 877, 882
 ; OTHER INFORMATION: unknown amino acid
 US-10-124-822-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
 Best Local Similarity 100.0%; Pred. No. 0;
 Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATLMAAVNLKOSGTVNFEYYYPDSIIFFEFVONDQOPNADSRMWTTEKGM 228

```

Db 169 NDECTATLMYAVNLKQSGTVNFEYYPDSIIFFEFVQNDQCQPNADSRMMKTEKGW 228
Qy 229 EFHSEVLNNGNNVLYWRTTAFSVWTKVPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288
Db 229 EFHSEVLNNGNNVLYWRTTAFSVWTKVPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288
Qy 289 SSFCKLCPNANSYKGETSCHOCDPKYSEKSSSCNVRPACTDKDYFYTHTACDANGET 348
Db 289 SSFCKLCPNANSYKGETSCHOCDPKYSEKSSSCNVRPACTDKDYFYTHTACDANGET 348
Qy 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCGFFKTNSTQPCPYGSYSNGSDC 408
Db 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCGFFKTNSTQPCPYGSYSNGSDC 408
Qy 409 TRCPAGTEPAVGEYKWMNTLPMTMETTVLSGINFEYKMGTMGEVADHITYAAGASDND 468
Db 409 TRCPAGTEPAVGEYKWMNTLPMTMETTVLSGINFEYKMGTMGEVADHITYAAGASDND 468
Qy 469 FMILLVVPGRPPQSMADTENKEVARITFEVETLCSVNCCELYFMVGVNSRTNTPVEY 528
Db 469 FMILLVVPGRPPQSMADTENKEVARITFEVETLCSVNCCELYFMVGVNSRTNTPVEY 528
Qy 529 KSGKQOSYTYIIIEENTTSFTWAFORTTTHESARKYTNDAKIYSINTVNMVNGVASYC 588
Db 529 KSGKQOSYTYIIIEENTTSFTWAFORTTTHESARKYTNDAKIYSINTVNMVNGVASYC 588
Qy 589 RPCALASDVGSCTSCPAGYIDRDSGTCHSCPNTILKAHQPYGVQACVPCGPGTKNN 648
Db 589 RPCALASDVGSCTSCPAGYIDRDSGTCHSCPNTILKAHQPYGVQACVPCGPGTKNN 648
Qy 649 KIHSLCTNDCTFSRNTPTRTFNFNFSALANTVTLAGSPFSGKGLKTFHHTLSLCNOG 708
Db 649 KIHSLCTNDCTFSRNTPTRTFNFNFSALANTVTLAGSPFSGKGLKTFHHTLSLCNOG 708
Qy 709 RKMSVCTDNTDLRIPEGSEGSFSKITAYVCOAVIIPPEVTGYAGVSSQPSVSLADRLIG 768
Db 709 RKMSVCTDNTDLRIPEGSEGSFSKITAYVCOAVIIPPEVTGYAGVSSQPSVSLADRLIG 768
Qy 769 VTTDMTLDGITSPEALFHLBSLGI PDVIFFYRSNDVTQSCSSGRSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSPEALFHLBSLGI PDVIFFYRSNDVTQSCSSGRSTTIRVCSPOKTVPG 828
Qy 829 SLLPGTCSOGTCDGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPGTCSOGTCDGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 29
US-10-140-925-38
; Sequence 38, Application US/10140925
; Publication No. US20030073215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C187
; CURRENT APPLICATION NUMBER: US/10/140,925

```

```

; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 38
; LENGTH: 1013
; TYPE: PRT
; ORGANISM: Homo Sapien
; FEATURE:
; NAME/KEY: unsure
; LOCATION: 877, 882
; OTHER INFORMATION: unknown amino acid
US-10-140-925-38

Query Match 70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 169 NDECTATLMYAVNLKQSGTVNFEYYPDSIIFFEFVQNDQCQPNADSRMMKTEKGW 228
Db 169 NDECTATLMYAVNLKQSGTVNFEYYPDSIIFFEFVQNDQCQPNADSRMMKTEKGW 228
Qy 229 EFHSEVLNNGNNVLYWRTTAFSVWTKVPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288
Db 229 EFHSEVLNNGNNVLYWRTTAFSVWTKVPKPVLVRNIAITGVAATSECPCKPGTYADKOG 288
Qy 289 SSFCKLCPNANSYKGETSCHOCDPKYSEKSSSCNVRPACTDKDYFYTHTACDANGET 348
Db 289 SSFCKLCPNANSYKGETSCHOCDPKYSEKSSSCNVRPACTDKDYFYTHTACDANGET 348
Qy 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCGFFKTNSTQPCPYGSYSNGSDC 408
Db 349 QLMYKNAKPKICSEDLGAVKLPASGVKTHCPNCGFFKTNSTQPCPYGSYSNGSDC 408
Qy 409 TRCPAGTEPAVGEYKWMNTLPMTMETTVLSGINFEYKMGTMGEVADHITYAAGASDND 468
Db 409 TRCPAGTEPAVGEYKWMNTLPMTMETTVLSGINFEYKMGTMGEVADHITYAAGASDND 468
Qy 469 FMILLVVPGRPPQSMADTENKEVARITFEVETLCSVNCCELYFMVGVNSRTNTPVEY 528
Db 469 FMILLVVPGRPPQSMADTENKEVARITFEVETLCSVNCCELYFMVGVNSRTNTPVEY 528
Qy 529 KSGKQOSYTYIIIEENTTSFTWAFORTTTHESARKYTNDAKIYSINTVNMVNGVASYC 588
Db 529 KSGKQOSYTYIIIEENTTSFTWAFORTTTHESARKYTNDAKIYSINTVNMVNGVASYC 588
Qy 589 RPCALASDVGSCTSCPAGYIDRDSGTCHSCPNTILKAHQPYGVQACVPCGPGTKNN 648
Db 589 RPCALASDVGSCTSCPAGYIDRDSGTCHSCPNTILKAHQPYGVQACVPCGPGTKNN 648
Qy 649 KIHSLCTNDCTFSRNTPTRTFNFNFSALANTVTLAGSPFSGKGLKTFHHTLSLCNOG 708
Db 649 KIHSLCTNDCTFSRNTPTRTFNFNFSALANTVTLAGSPFSGKGLKTFHHTLSLCNOG 708
Qy 709 RKMSVCTDNTDLRIPEGSEGSFSKITAYVCOAVIIPPEVTGYAGVSSQPSVSLADRLIG 768
Db 709 RKMSVCTDNTDLRIPEGSEGSFSKITAYVCOAVIIPPEVTGYAGVSSQPSVSLADRLIG 768
Qy 769 VTTDMTLDGITSPEALFHLBSLGI PDVIFFYRSNDVTQSCSSGRSTTIRVCSPOKTVPG 828
Db 769 VTTDMTLDGITSPEALFHLBSLGI PDVIFFYRSNDVTQSCSSGRSTTIRVCSPOKTVPG 828
Qy 829 SLLPGTCSOGTCDGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876
Db 829 SLLPGTCSOGTCDGCFHFLMESAAACPLCSVADYHAIYSSCVAGIQ 876

RESULT 30
US-10-160-498-38
; Sequence 38, Application US/10160498
; Publication No. US20030073216A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen

```

```

/ APPLICANT: DeForge, Laura
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Sherwood, Steven
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Watanabe, Colin K
/ APPLICANT: Wood, William
/ APPLICANT: Zhang, Zhen
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ TITLE OF INVENTION: ACIDS ENCODING THE SAME
/ FILE REFERENCE: P330R1C451
/ CURRENT APPLICATION NUMBER: US/10/160,498
/ PRIOR FILING DATE: 2002-05-30
/ PRIOR APPLICATION REMOVED - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 550
/ SEQ ID NO 38
/ LENGTH: 1013
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ FEATURE:
/ NAME/KEY: unsure
/ LOCATION: 877, 882
/ OTHER INFORMATION: unknown amino acid
us-10-160-498-38

```

```

Query Match      70.7%; Score 708; DB 9; Length 1013;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 708; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 169 NTDECTATIMAYAVLKKSGTNNPYYPPDSIIFFEFVONDCCPNADDSRMKTKTEKGM 228
DB 169 NTDECTATIMAYAVLKKSGTNNPYYPPDSIIFFEFVONDCCPNADDSRMKTKTEKGM 228
QY 229 EFHSEVLENRGNVLYWRTTAFSVWTKVPRVLRNIAIGVAVTSCFCKGKTADKQ 288
DB 229 EFHSEVLENRGNVLYWRTTAFSVWTKVPRVLRNIAIGVAVTSCFCKGKTADKQ 288
QY 289 SSFCKLCPANYSYKSGTSCQCDPDKSEKSSSCNVPACTDXYFTHTACDANGET 348
DB 289 SSFCKLCPANYSYKSGTSCQCDPDKSEKSSSCNVPACTDXYFTHTACDANGET 348
QY 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPNPGFCKTNNSTCCPCPGYSNSGSDC 408
DB 349 QLMYKMAKPKICSEDLGAVKLPASGVKTHCPNCPNPGFCKTNNSTCCPCPGYSNSGSDC 408
QY 409 TRCPAGTEPAVGEYKWMNTLPTNNETVLSGINFYKGMTGMEVAGHITTAAGASDND 468
DB 409 TRCPAGTEPAVGEYKWMNTLPTNNETVLSGINFYKGMTGMEVAGHITTAAGASDND 468
QY 469 FMILLIVGEPFPPGVSMDTENKEVARTTFEFLCSVNCLELFVGVNSRINTPVEWT 528
DB 469 FMILLIVGEPFPPGVSMDTENKEVARTTFEFLCSVNCLELFVGVNSRINTPVEWT 528
QY 529 KSGKGSOSTYIIIEENTTTSFTMAFORTEPHBASRYNDVAKYISINVTVMNGVASYC 588
DB 529 KSGKGSOSTYIIIEENTTTSFTMAFORTEPHBASRYNDVAKYISINVTVMNGVASYC 588
QY 589 RPPALRASVSSGSCSPAGYITIDSGTCHSCPNTILKAHPYGVQACVPCGPGTKNN 648
DB 589 RPPALRASVSSGSCSPAGYITIDSGTCHSCPNTILKAHPYGVQACVPCGPGTKNN 648
QY 649 KIHSLCYNDCTFSRMTPTTFEYNSALANTYTLAAGSFTSKGLKXEHFTTSLCNOG 708
DB 649 KIHSLCYNDCTFSRMTPTTFEYNSALANTYTLAAGSFTSKGLKXEHFTTSLCNOG 708
QY 709 RKGAVCTDNVTLRLIPBESGFSKSTIAYVQAVIIPPEVTGYKAVSSQPVSLADRLIG 768

```

```

DB 709 RKGAVCTDNVTLRLIPBESGFSKSTIAYVQAVIIPPEVTGYKAVSSQPVSLADRLIG 768
QY 769 VTTDMTLDGITSFPAELFHLBSLGIPIVIFFYRNDVTQSCSGRSTTIRVCSPOKTVRQ 828
DB 769 VTTDMTLDGITSFPAELFHLBSLGIPIVIFFYRNDVTQSCSGRSTTIRVCSPOKTVRQ 828
QY 829 SLLPFGTSDGTGCGCNHFLMESAAACPLCSVDYHAIYVSCVAGIQ 876
DB 829 SLLPFGTSDGTGCGCNHFLMESAAACPLCSVDYHAIYVSCVAGIQ 876

RESULT 31
us-09-925-299-982
/ Sequence 982, Application US/09925299
/ Publication No. US20030040617A9
/ GENERAL INFORMATION:
/ APPLICANT: Rosen et al.
/ TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
/ FILE REFERENCE: PA102
/ CURRENT APPLICATION NUMBER: US/09/925,299
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: PCT/US00/05883
/ PRIOR FILING DATE: 2000-03-08
/ PRIOR APPLICATION NUMBER: 60/124,270
/ PRIOR FILING DATE: 1999-03-12
/ NUMBER OF SEQ ID NOS: 1556
/ SOFTWARE: PatentIn Ver. 2.0
/ SEQ ID NO 982
/ LENGTH: 208
/ TYPE: PRT
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: SITE
/ LOCATION: (1)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (4)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (9)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (180)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (192)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (193)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (194)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (195)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
/ NAME/KEY: SITE
/ LOCATION: (200)
/ OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
us-09-925-299-982

Query Match      15.0%; Score 150; DB 9; Length 208;
Best Local Similarity 100.0%; Pred. No. 2.7e-142;
Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 630 SKGLKTFHFTSLCNGQGRMSVCTDNVTLRLIPBESGFSKSTIAYVQAVIIPPEVT 749
DB 30 SKGLKTFHFTSLCNGQGRMSVCTDNVTLRLIPBESGFSKSTIAYVQAVIIPPEVT 89
QY 750 GYKAVSSQPVSLADRLIGVTTMTLDGITSFPAELFHLBSLGIPIVIFFYRNDVTQSCS 809
DB 90 GYKAVSSQPVSLADRLIGVTTMTLDGITSFPAELFHLBSLGIPIVIFFYRNDVTQSCS 149

```

Qy 810 SGRSTIRVRCSPQKTVGSLLPCTSDG 839
 Db 150 SGRSTIRVRCSPQKTVGSLLPCTSDG 179

RESULT 32

US-09-299-982
 ; Sequence 982, Application US/09925299
 ; Patent No. US20020055627A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Rosen et al.
 ; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 ; FILE REFERENCE: PA102
 ; CURRENT APPLICATION NUMBER: US/09/925,299
 ; CURRENT FILING DATE: 2001-08-10
 ; PRIOR APPLICATION NUMBER: PCT/US00/05883
 ; PRIOR FILING DATE: 2000-03-08
 ; PRIOR APPLICATION NUMBER: 60/124,270
 ; PRIOR FILING DATE: 1999-03-12
 ; NUMBER OF SEQ ID NOS: 1556
 ; SOFTWARE: Patent Ver. 2.0
 ; SEQ ID NO 982
 ; LENGTH: 208
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: SITE
 ; LOCATION: (1)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (4)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (9)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (180)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (192)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (193)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (194)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (195)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; NAME/KEY: SITE
 ; LOCATION: (200)
 ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 ; US-09-925-299-982

Query Match 15.0%; Score 150; DB 10; Length 208;
 Best Local Similarity 100.0%; Pred. No. 2.7e-142;
 Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 690 SKGLKVFHFTLSLCSNGGRKMSVCTDNVTDLRIPESGSGSKITAYVCOAVIIPREVT 749
 Db 30 SKGLKVFHFTLSLCSNGGRKMSVCTDNVTDLRIPESGSGSKITAYVCOAVIIPREVT 89
 Qy 750 GYKAGVSSQPVSLADRLIGVTTMTLDGITSAPLFIHLSIGIPDVIFPFRSNDVTOSCS 809
 Db 90 GYKAGVSSQPVSLADRLIGVTTMTLDGITSAPLFIHLSIGIPDVIFPFRSNDVTOSCS 149
 Qy 810 SGRSTIRVRCSPQKTVGSLLPCTSDG 839
 Db 150 SGRSTIRVRCSPQKTVGSLLPCTSDG 179

RESULT 33

US-10-140-164-4
 ; Sequence 4, Application US/10140164
 ; Publication No. US20030072736A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Baker et al.
 ; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 ; FILE REFERENCE: PF514C1
 ; CURRENT APPLICATION NUMBER: US/10/140,164
 ; CURRENT FILING DATE: 2002-05-08
 ; PRIOR APPLICATION NUMBER: 09/637,856
 ; PRIOR FILING DATE: 2000-08-10
 ; PRIOR APPLICATION NUMBER: 60/148,348
 ; PRIOR FILING DATE: 1999-08-12
 ; PRIOR APPLICATION NUMBER: 60/148,683
 ; PRIOR FILING DATE: 1999-08-13
 ; PRIOR APPLICATION NUMBER: 60/148,870
 ; PRIOR FILING DATE: 1999-08-13
 ; PRIOR APPLICATION NUMBER: 60/148,758
 ; PRIOR FILING DATE: 1999-08-16
 ; PRIOR APPLICATION NUMBER: 60/149,181
 ; PRIOR FILING DATE: 1999-08-17
 ; PRIOR APPLICATION NUMBER: 60/149,453
 ; PRIOR FILING DATE: 1999-08-18
 ; PRIOR APPLICATION NUMBER: 60/149,498
 ; PRIOR FILING DATE: 1999-08-19
 ; NUMBER OF SEQ ID NOS: 76
 ; SOFTWARE: Patent Ver. 2.1
 ; SEQ ID NO 4
 ; LENGTH: 1027
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-140-164-4

Query Match 2.1%; Score 21; DB 9; Length 1027;
 Best Local Similarity 100.0%; Pred. No. 3.9e-12;
 Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 926 LTCYFWKKNQKLEKYSKLYM 946
 Db 943 LTCYFWKKNQKLEKYSKLYM 963

RESULT 34

US-10-002-050-10
 ; Sequence 10, Application US/10002050
 ; Publication No. US20030032095A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Shimkets, Richard
 ; APPLICANT: Fernandes, Elma
 ; APPLICANT: Vernet, Corine
 ; APPLICANT: Yang, Meljia
 ; APPLICANT: Boidog, Ferenc
 ; APPLICANT: Herrmann, John
 ; TITLE OF INVENTION: NO. US20030032095A1 Nucleic Acid Sequences Encoding Human Semaphorin 4D
 ; FILE REFERENCE: 15966-554 Cura-54 CON-S14
 ; CURRENT APPLICATION NUMBER: US/10/002,050
 ; CURRENT FILING DATE: 2001-11-02
 ; PRIOR APPLICATION NUMBER: 09/604,286
 ; PRIOR FILING DATE: 2000-06-22
 ; PRIOR APPLICATION NUMBER: 60/140,584
 ; PRIOR FILING DATE: 1999-06-23
 ; NUMBER OF SEQ ID NOS: 49
 ; SOFTWARE: Patent Ver. 2.0
 ; SEQ ID NO 10
 ; LENGTH: 411
 ; TYPE: PRT
 ; ORGANISM: Homo sapiens
 ; US-10-002-050-10

Query Match 1.5%; Score 15; DB 9; Length 411;
 Best Local Similarity 100.0%; Pred. No. 1.8e-06;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 268 GVAATSECFPCPKPGT 282
DB 116 GVAATSECFPCPKPGT 130

RESULT 35
US-10-002-304-10
; Sequence 10, Application US/10002304
; Publication No. US20030036185A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Meijia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: Polynucleotides and polypeptides encoded thereby
; FILE REFERENCE: 15966-554 Cura-54 CON-88
; CURRENT APPLICATION NUMBER: US/10/002,304
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 411
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-304-10

Query Match 1.5%; Score 15; DB 9; Length 411;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 268 GVAATSECFPCPKPGT 282
DB 116 GVAATSECFPCPKPGT 130

RESULT 36
US-10-003-152-10
; Sequence 10, Application US/10003152
; Patent No. US20020151494A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Meijia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: No. US20020151494A1 Amino Acid Sequences for Human Semaphorin-1
; FILE REFERENCE: 15966-554 Cura-54 CON-812
; CURRENT APPLICATION NUMBER: US/10/003,152
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 411
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-003-152-10

Query Match 1.5%; Score 15; DB 12; Length 411;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 268 GVAATSECFPCPKPGT 282
DB 116 GVAATSECFPCPKPGT 130

RESULT 37
US-10-002-050-20
; Sequence 20, Application US/10002050
; Publication No. US20030032095A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Meijia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: No. US20030032095A1 Nucleic Acid Sequences Encoding Human Semaphorin-1
; FILE REFERENCE: 15966-554 Cura-54 CON-814
; CURRENT APPLICATION NUMBER: US/10/002,050
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-050-20

Query Match 1.5%; Score 15; DB 9; Length 464;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 268 GVAATSECFPCPKPGT 282
DB 169 GVAATSECFPCPKPGT 183

RESULT 38
US-10-002-304-20
; Sequence 20, Application US/10002304
; Publication No. US20030036185A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandes, Elma
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Meijia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: Polynucleotides and polypeptides encoded thereby
; FILE REFERENCE: 15966-554 Cura-54 CON-88
; CURRENT APPLICATION NUMBER: US/10/002,304
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-002-304-20

Query Match 1.5%; Score 15; DB 9; Length 464;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 268 GVAATSECFPCPKPGT 282

Db 169 GVAYTSECPCKPCT 183

```
|||||
Query Match 1.5%; Score 15; DB 12; Length 464;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 268 GVAYTSECPCKPCT 282
Db 169 GVAYTSECPCKPCT 183

RESULT 39
US-10-003-152-20
; Sequence 20, Application US/10003152
; Patent No. US20020151494A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard
; APPLICANT: Fernandez, Sima
; APPLICANT: Vernet, Corine
; APPLICANT: Yang, Weijia
; APPLICANT: Boldog, Ferenc
; APPLICANT: Herrmann, John
; TITLE OF INVENTION: No. US20020151494A1e1 Amino Acid Sequences for Human Semaphorin-1
; FILE REFERENCE: 15966-554 Cura-54 CON-S12
; CURRENT APPLICATION NUMBER: US/10/003,152
; CURRENT FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: 09/604,286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/140,584
; PRIOR FILING DATE: 1999-06-23
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 464
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-003-152-20
```

```
Query Match 1.5%; Score 15; DB 12; Length 464;
Best Local Similarity 100.0%; Pred. No. 2.1e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 268 GVAYTSECPCKPCT 282
Db 169 GVAYTSECPCKPCT 183

RESULT 40
US-10-140-164-2
; Sequence 2, Application US/10140164
; Publication No. US20030072736A1
; GENERAL INFORMATION:
; APPLICANT: Baker et al.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
; FILE REFERENCE: PF514C1
; CURRENT APPLICATION NUMBER: US/10/140,164
; CURRENT FILING DATE: 2002-05-08
; PRIOR APPLICATION NUMBER: 09/637,856
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 60/148,348
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 60/148,683
; PRIOR FILING DATE: 1999-08-13
; PRIOR APPLICATION NUMBER: 60/148,870
; PRIOR FILING DATE: 1999-08-13
; PRIOR APPLICATION NUMBER: 60/148,758
; PRIOR FILING DATE: 1999-08-16
; PRIOR APPLICATION NUMBER: 60/149,181
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149,453
; PRIOR FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: 60/149,498
; PRIOR FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 963
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-140-164-2
```

Query Match 1.5%; Score 15; DB 9; Length 963;
Best Local Similarity 100.0%; Pred. No. 3.9e-06;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 268 GVAYTSECPCKPCT 282
Db 283 GVAYTSECPCKPCT 297

```
RESULT 41
US-09-864-761-39644
; Sequence 39644, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wenheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecm1ca-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 39644
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC002081.1 SIGNAL = 1.3
OTHER INFORMATION: EXPRESSED IN LONG, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.3
```


OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.4
OTHER INFORMATION: SWISSPROT HIT: Q59295, EVALUATE 2.10e+00
US-09-864-761-39644

Query Match
Best Local Similarity 1.4%; Score 14; DB 10; Length 50;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 955 LPAADSCAIMEGD 968
DB 19 LPAADSCAIMEGD 32

RESULT 42
US-10-140-164-36
Sequence 36, Application US/10140164
Publication No. US20030072736A1
GENERAL INFORMATION:
APPLICANT: Baker et al.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
FILE REFERENCE: PF514C1
CURRENT APPLICATION NUMBER: US/10/140,164
PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: 09/637,856
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/148,348
PRIOR FILING DATE: 1999-08-12
PRIOR APPLICATION NUMBER: 60/148,683
PRIOR FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: 60/148,870
PRIOR FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: 60/148,758
PRIOR FILING DATE: 1999-08-16
PRIOR APPLICATION NUMBER: 60/149,181
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/149,453
PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: 60/149,498
PRIOR FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 36
LENGTH: 78
TYPE: PRT
ORGANISM: Homo sapiens
US-10-140-164-36

Query Match
Best Local Similarity 1.4%; Score 14; DB 9; Length 78;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 KNOLEKYKSKLYM 946
DB 1 KNOLEKYKSKLYM 14

RESULT 43
US-10-140-164-65
Sequence 65, Application US/10140164
Publication No. US20030072736A1
GENERAL INFORMATION:
APPLICANT: Baker et al.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
FILE REFERENCE: PF514C1
CURRENT APPLICATION NUMBER: US/10/140,164
PRIOR FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: 09/637,856
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/148,348
PRIOR FILING DATE: 1999-08-12
PRIOR APPLICATION NUMBER: 60/148,683

PRIOR FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: 60/148,870
PRIOR FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: 60/148,758
PRIOR FILING DATE: 1999-08-16
PRIOR APPLICATION NUMBER: 60/149,181
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/149,453
PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: 60/149,498
PRIOR FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 65
LENGTH: 78
TYPE: PRT
ORGANISM: Homo sapiens
US-10-140-164-65

Query Match
Best Local Similarity 1.4%; Score 14; DB 9; Length 78;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 KNOLEKYKSKLYM 946
DB 1 KNOLEKYKSKLYM 14

RESULT 44
US-09-864-761-39194
Sequence 39194, Application US/09864761
Patent No. US2002048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408
 PRIOR FILING DATE: 2000-06-30
 PRIOR APPLICATION NUMBER: US 09/774,203
 PRIOR FILING DATE: 2001-01-29
 NUMBER OF SEQ ID NOS: 49117
 SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
 SEQ ID NO 39194
 LENGTH: 32
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE: MAP TO AC005538.2
 OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.7
 OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 4.8
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 4.6
 OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 4.8
 OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 4.5
 OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4.3
 OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 4.8
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.4
 US-09-864-761-39194

Query Match 0.9%; Score 9; DB 10; Length 32;
 Best Local Similarity 100.0%; Pred. No. 0.2;
 Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 964 MEGEDVEDD 972
 Db 1 MEGEDVEDD 9

RESULT 45
 US-09-925-300-1680
 Sequence 1680, Application US/09925300
 Patent No. US20020151681A1
 GENERAL INFORMATION:
 APPLICANT: Craig Rosen,
 APPLICANT: Steve Ruben
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 FILE REFERENCE: PA101
 CURRENT APPLICATION NUMBER: US/09/925,300
 CURRENT FILING DATE: 2001-08-10
 PRIOR APPLICATION NUMBER: PCT/US00/05988
 PRIOR FILING DATE: 2000-03-08
 PRIOR APPLICATION NUMBER: 60/124,270
 PRIOR FILING DATE: 1999-03-12
 NUMBER OF SEQ ID NOS: 1890
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 1680
 LENGTH: 519
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (321)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (332)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (333)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (337)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (511)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-09-925-300-1680

Query Match 0.9%; Score 9; DB 10; Length 519;
 Best Local Similarity 100.0%; Pred. No. 2.4;

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 Qy 964 MEGEDVEDD 972
 Db 41 MEGEDVEDD 49

RESULT 46
 US-10-140-164-28
 Sequence 28, Application US/10140164
 Publication No. US20030072736A1
 GENERAL INFORMATION:
 APPLICANT: Baker et al.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 FILE REFERENCE: PFS14C1
 CURRENT APPLICATION NUMBER: US/10/140,164
 CURRENT FILING DATE: 2002-05-08
 PRIOR APPLICATION NUMBER: 09/637,856
 PRIOR FILING DATE: 2000-08-10
 PRIOR APPLICATION NUMBER: 60/148,348
 PRIOR FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: 60/148,683
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,870
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,758
 PRIOR FILING DATE: 1999-08-16
 PRIOR APPLICATION NUMBER: 60/149,181
 PRIOR FILING DATE: 1999-08-17
 PRIOR APPLICATION NUMBER: 60/149,453
 PRIOR FILING DATE: 1999-08-18
 PRIOR APPLICATION NUMBER: 60/149,498
 PRIOR FILING DATE: 1999-08-19
 NUMBER OF SEQ ID NOS: 76
 SOFTWARE: PatentIn Ver. 2.1
 SEQ ID NO 28
 LENGTH: 8
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-140-164-28

Query Match 0.8%; Score 8; DB 9; Length 8;
 Best Local Similarity 100.0%; Pred. No. 2.7e+05;
 Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 933 KNOUKLEYK 940
 Db 1 KNOUKLEYK 8

RESULT 47
 US-10-140-164-57
 Sequence 57, Application US/10140164
 Publication No. US20030072736A1
 GENERAL INFORMATION:
 APPLICANT: Baker et al.
 TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
 FILE REFERENCE: PFS14C1
 CURRENT APPLICATION NUMBER: US/10/140,164
 CURRENT FILING DATE: 2002-05-08
 PRIOR APPLICATION NUMBER: 09/637,856
 PRIOR FILING DATE: 2000-08-10
 PRIOR APPLICATION NUMBER: 60/148,348
 PRIOR FILING DATE: 1999-08-12
 PRIOR APPLICATION NUMBER: 60/148,683
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,870
 PRIOR FILING DATE: 1999-08-13
 PRIOR APPLICATION NUMBER: 60/148,758
 PRIOR FILING DATE: 1999-08-16
 PRIOR APPLICATION NUMBER: 60/149,181
 PRIOR FILING DATE: 1999-08-17
 PRIOR APPLICATION NUMBER: 60/149,453

PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: 60/149,498
PRIOR FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 57
LENGTH: 8
TYPE: PRT
ORGANISM: Homo sapiens
US-10-140-164-57

Query Match
Best Local Similarity 100.0%; Score 8; DB 9; Length 8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 333 KNOCKEYK 940
Db 1 KNOCKEYK 8

RESULT 48
US-09-864-761-39057
Sequence 39057, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/226,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 39057

LENGTH: 60
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC002081.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.8
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.6
OTHER INFORMATION: EST HUMAN HIT: AW966212.1, EVALUATE 2.00e-10
US-09-864-761-39057

Query Match
Best Local Similarity 100.0%; Score 8; DB 10; Length 60;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 379 CPGCPGF 386
Db 32 CPGCPGF 39

RESULT 49
US-09-864-761-47095
Sequence 47095, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecmca-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 47095
LENGTH: 64
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC002081.1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.55
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.52
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.49
OTHER INFORMATION: SWISSPROT HIT: Q00019, EVALU8 8.90e-01
US-09-864-761-47095

Query Match 0.8%; Score 8; DB 10; Length 64;
Best Local Similarity 100.0%; Pred. No. 3.8;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 124 CPDMDLP 131
Db 32 FDEMDLP 39

RESULT 50
US-10-140-164-32
Sequence 32, Application US/10140164
Publication No. US20030072736A1
GENERAL INFORMATION:
APPLICANT: Baker et al.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
FILE REFERENCE: P51AC1
CURRENT APPLICATION NUMBER: US/10/140,164
CURRENT FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: 09/637,856
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/148,348
PRIOR FILING DATE: 1999-08-12
PRIOR APPLICATION NUMBER: 60/148,683
PRIOR FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: 60/148,870
PRIOR FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: 60/148,758
PRIOR FILING DATE: 1999-08-16
PRIOR APPLICATION NUMBER: 60/149,181
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/149,453
PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: 60/149,498
PRIOR FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 32
LENGTH: 74
TYPE: PRT
ORGANISM: Homo sapiens
US-10-140-164-32

Query Match 0.8%; Score 8; DB 9; Length 74;
Best Local Similarity 100.0%; Pred. No. 4.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 379 CPDNDPF 386
Db 56 CPDNDPF 63

RESULT 51
US-10-140-164-61
Sequence 61, Application US/10140164
Publication No. US20030072736A1
GENERAL INFORMATION:

APPLICANT: Baker et al.
TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR16
FILE REFERENCE: P51AC1
CURRENT APPLICATION NUMBER: US/10/140,164
CURRENT FILING DATE: 2002-05-08
PRIOR APPLICATION NUMBER: 09/637,856
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/148,348
PRIOR FILING DATE: 1999-08-12
PRIOR APPLICATION NUMBER: 60/148,683
PRIOR FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: 60/148,870
PRIOR FILING DATE: 1999-08-13
PRIOR APPLICATION NUMBER: 60/148,758
PRIOR FILING DATE: 1999-08-16
PRIOR APPLICATION NUMBER: 60/149,181
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/149,453
PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: 60/149,498
PRIOR FILING DATE: 1999-08-19
NUMBER OF SEQ ID NOS: 76
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 61
LENGTH: 74
TYPE: PRT
ORGANISM: Homo sapiens
US-10-140-164-61

Query Match 0.8%; Score 8; DB 9; Length 74;
Best Local Similarity 100.0%; Pred. No. 4.3;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 379 CPDNDPF 386
Db 56 CPDNDPF 63

RESULT 52
US-09-798-889-77
Sequence 77, Application US/09798889
Publication No. US2003004324A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 31 Human secreted proteins
FILE REFERENCE: P2026P1
CURRENT APPLICATION NUMBER: US/09/798,889
CURRENT FILING DATE: 2001-03-06
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/393,022
PRIOR FILING DATE: EARLIER FILING DATE: 1999-09-09
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,714
PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,686
PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,687
PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,696
PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
NUMBER OF SEQ ID NOS: 185
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 77
LENGTH: 49
TYPE: PRT
ORGANISM: Homo sapiens
NAME/KEY: SITE
LOCATION: (49)
OTHER INFORMATION: Xaa equals stop translation
US-09-798-889-77

Query Match 0.7%; Score 7; DB 9; Length 49;
Best Local Similarity 100.0%; Pred. No. 30;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 790 LGIPDVI 796
Db 29 LGIPDVI 35

```

RESULT 53
US-09-864-761-38905
; Sequence 38905, Application US/09864761
; Patent No. US20020046763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wenheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aecmca-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annotmax Sequence Listing Engine Ver. 1.1
; SEQ ID NO 38905
; LENGTH: 93
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC005344.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.1
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.4
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.3
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.2
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.2
US-09-864-761-38905

```

Query Match 0.7%; Score 7; DB 10; Length 93;
Best Local Similarity 100.0%; Pred. No. 54;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 828 GSLILPG 834
Db 74 GSLILPG 80

```

RESULT 54
US-09-798-889-51
; Sequence 51, Application US/09798889
; Patent No. US20030004324A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 31 Human secreted proteins
; FILE REFERENCE: P2026P1
; CURRENT APPLICATION NUMBER: US/09/798,889
; CURRENT FILING DATE: 2001-03-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/393,022
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-09-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,714
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,686
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,687
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/077,696
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-12
; NUMBER OF SEQ ID NOS: 185
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 51
; LENGTH: 168
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (60)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (64)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; NAME/KEY: SITE
; LOCATION: (132)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-798-889-51

```

Query Match 0.7%; Score 7; DB 9; Length 168;
Best Local Similarity 100.0%; Pred. No. 91;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 790 LGIPDVI 796
Db 29 LGIPDVI 35

```

RESULT 55
US-09-893-737-318
; Sequence 318, Application US/09893737
; Patent No. US20020110855A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Presnell, Scott R.
; TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS
; FILE REFERENCE: 00-41
; CURRENT APPLICATION NUMBER: US/09/893,737
; CURRENT FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/215,446
; PRIOR FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 329
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 318

```

LENGTH: 229
TYPE: PRT
ORGANISM: Homo sapiens
US-09-893-737-318

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 229;
Pred. No. 1.2e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 807 SCSSGRS 813
DB 131 SCSSGRS 137

RESULT 56
US-10-043-487-379
Sequence 379, Application US/10043487
Publication No. US20030055220A1
GENERAL INFORMATION:
APPLICANT: HYBRIGENICS
APPLICANT: PIERRE, LEBRAIN
TITLE OF INVENTION: Protein-protein interactions between Shigella flexneri polypeptid
FILE REFERENCE: B4778A
CURRENT APPLICATION NUMBER: US/10/043,487
CURRENT FILING DATE: 2002-04-30
PRIOR FILING DATE: 2001-01-12
PRIOR APPLICATION NUMBER: US 60/261,130
NUMBER OF SEQ ID NOS: 561
SOFTWARE: PatentIn version 3.1
SEQ ID NO 379
LENGTH: 261
TYPE: PRT
ORGANISM: Shigella flexneri
US-10-043-487-379

Query Match
Best Local Similarity 100.0%; Score 7; DB 9; Length 261;
Pred. No. 1.3e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 759 PVSILADR 765
DB 193 PVSILADR 199

RESULT 57
US-09-738-626-6417
Sequence 6417, Application US/09738626
Publication No. US20020197605A1
GENERAL INFORMATION:
APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIALI, KEIKO
APPLICANT: YOKOI, HARUHIKO
APPLICANT: TATEISHI, NAOKO
APPLICANT: SENOH, AKIHIRO
APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PatentIn ver. 3.0
SEQ ID NO 6417

LENGTH: 272
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-738-626-6417

Query Match
Best Local Similarity 100.0%; Score 7; DB 9; Length 272;
Pred. No. 1.4e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 540 IIEENTT 546
DB 238 IIEENTT 244

RESULT 58
US-09-961-679-4
Sequence 4, Application US/09961679
Patent No. US20020107380A1
GENERAL INFORMATION:
APPLICANT: FRIDDLE, Carl Johan
APPLICANT: GERHARDT, Brenda
TITLE OF INVENTION: Same
FILE REFERENCE: LEX-0239-USA
CURRENT APPLICATION NUMBER: US/09/961,679
CURRENT FILING DATE: 2001-09-24
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/235,745
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 316
TYPE: PRT
ORGANISM: homo sapiens
US-09-961-679-4

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 316;
Pred. No. 1.6e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 790 LGIPDVI 796
DB 176 LGIPDVI 182

RESULT 59
US-09-961-679-6
Sequence 6, Application US/09961679
Patent No. US20020107380A1
GENERAL INFORMATION:
APPLICANT: FRIDDLE, Carl Johan
APPLICANT: GERHARDT, Brenda
TITLE OF INVENTION: Same
FILE REFERENCE: LEX-0239-USA
CURRENT APPLICATION NUMBER: US/09/961,679
CURRENT FILING DATE: 2001-09-24
PRIOR APPLICATION NUMBER: US 60/235,745
PRIOR FILING DATE: 2000-09-27
NUMBER OF SEQ ID NOS: 7
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 6
LENGTH: 353
TYPE: PRT
ORGANISM: homo sapiens
US-09-961-679-6

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 353;
Pred. No. 1.7e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 790 LGIPDVI 796
DB 176 LGIPDVI 182

Db 213 LGIPDVI 219

RESULT 60
US-09-925-301-1000
Sequence 1000, Application US/09925301
Patent No. US20020052308A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
FILE REFERENCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1000
LENGTH: 362
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (25)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-925-301-1000

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 362;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 487 ADTENKE 493
Db 222 ADTENKE 228

RESULT 61
US-09-893-737-36
Sequence 36, Application US/09893737
Patent No. US20020110855A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
TITLE OF INVENTION: MAMMALIAN SECRETED PROTEINS
FILE REFERENCE: 00-41
CURRENT APPLICATION NUMBER: US/09/893,737
CURRENT FILING DATE: 2001-06-28
PRIOR APPLICATION NUMBER: US 60/215,446
PRIOR FILING DATE: 2000-06-30
NUMBER OF SEQ ID NOS: 329
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 36
LENGTH: 382
TYPE: PRT
ORGANISM: Homo sapiens
US-09-893-737-36

Query Match
Best Local Similarity 100.0%; Score 7; DB 10; Length 382;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 807 SCSSGRS 813
Db 131 SCSSGRS 137

RESULT 62
US-09-738-626-4181
Sequence 4181, Application US/09738626
Patent No. US20020197605A1
GENERAL INFORMATION:

APPLICANT: NAKAGAWA, SATOSHI
APPLICANT: MIZOGUCHI, HIROSHI
APPLICANT: ANDO, SEIKO
APPLICANT: HAYASHI, MIKIRO
APPLICANT: OCHIAI, KEIKO
APPLICANT: YOKOI, HARUHIKO
APPLICANT: YATEISHI, NAOKO
APPLICANT: SENOH, AKIHIRO
APPLICANT: IKEDA, MASATO
APPLICANT: OZAKI, AKIO
TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES
FILE REFERENCE: 249-125
CURRENT APPLICATION NUMBER: US/09/738,626
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: JP 99/377484
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: JP 00/159162
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: JP 00/280988
PRIOR FILING DATE: 2000-08-03
NUMBER OF SEQ ID NOS: 7059
SOFTWARE: PatentIn Ver. 3.0
SEQ ID NO 4181
LENGTH: 392
TYPE: PRT
ORGANISM: Corynebacterium glutamicum
US-09-738-626-4181

Query Match
Best Local Similarity 100.0%; Score 7; DB 9; Length 392;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 988 LPPRGL 994
Db 167 LPPRGL 173

RESULT 63
US-09-745-763-19
Sequence 19, Application US/09745763
Patent No. US20020065394A1
GENERAL INFORMATION:
APPLICANT: Jacobs, Kenneth
McCoy, John M.
Lavaille, Edward R.
Collins-Racie, Lisa A.
Evans, Cheryl
Merberg, David
Treacy, Maurice
Spaulding, Vikki
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES
ENCODING THEM
NUMBER OF SEQUENCES: 219
CORRESPONDENCE ADDRESS:
ADDRESS: Genetics Institute, Inc.
STREET: 87 CambridgePark Drive
CITY: Cambridge
STATE: MA
COUNTRY: U.S.A.
ZIP: 02140
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/745,763
FILING DATE: 18-Jun-2000
CLASSIFICATION: <unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Sprunger, Suzanne A.
REGISTRATION NUMBER: 41,323
TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 498-8284
 TELEFAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 19:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 393 amino acids
 TYPE: amino acid
 STRANDEDNESS: <Unknown>
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 19:
 US-09-745-763-19

Query Match 0.7%; Score 7; DB 10; Length 393;
 Best Local Similarity 100.0%; Pred. No. 1.9e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 487 ADTENKE 493
 DB 253 ADTENKE 259

RESULT 64
 US-09-970-711-8
 Sequence 8, Application US/09970711
 Patent No. US20020081279A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Adam
 APPLICANT: Cotten, Matthew
 APPLICANT: Chiocca, Susanna
 APPLICANT: Kurzbauer, Robert
 APPLICANT: Schaffner, Gotthold
 TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
 FILE REFERENCE: 0652.1800001
 CURRENT APPLICATION NUMBER: US/09/970,711
 PRIOR FILING DATE: 2001-10-05
 PRIOR APPLICATION NUMBER: 09/171,461
 PRIOR FILING DATE: 1999-01-12
 PRIOR APPLICATION NUMBER: PCT/EP97/01944
 PRIOR FILING DATE: 1997-04-18
 NUMBER OF SEQ ID NOS: 54
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 8
 LENGTH: 515
 TYPE: PRT
 ORGANISM: CELO Virus
 FEATURE:
 OTHER INFORMATION: Position: 15110..16657 /gene: L2 /product: penton
 US-09-970-711-8

Query Match 0.7%; Score 7; DB 10; Length 515;
 Best Local Similarity 100.0%; Pred. No. 2.4e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 720 DLRIPEG 726
 DB 181 DLRIPEG 187

RESULT 65
 US-09-961-679-2
 Sequence 2, Application US/09961679
 Patent No. US20020107380A1
 GENERAL INFORMATION:
 APPLICANT: Fridde, Carl Johan
 APPLICANT: Gerhardt, Brenda
 TITLE OF INVENTION: No. US20020107380A1 Human Ion-Exchanger Proteins and Polynucle
 TITLE OF INVENTION: Same
 FILE REFERENCE: LEX-0239-USA
 CURRENT APPLICATION NUMBER: US/09/961,679
 PRIOR FILING DATE: 2001-09-24
 PRIOR APPLICATION NUMBER: US 60/235,745
 PRIOR FILING DATE: 2000-09-27

NUMBER OF SEQ ID NOS: 7
 SOFTWARE: FastSeq for Windows Version 4.0
 SEQ ID NO 2
 LENGTH: 603
 TYPE: PRT
 ORGANISM: homo sapiens
 US-09-961-679-2
 Query Match 0.7%; Score 7; DB 10; Length 603;
 Best Local Similarity 100.0%; Pred. No. 2.8e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 790 LGIPDVI 796
 DB 463 LGIPDVI 469

RESULT 66
 US-10-118-513A-2
 Sequence 2, Application US/10118513A
 Publication No. US2003003995A1
 GENERAL INFORMATION:
 APPLICANT: Taga, Tetsuya
 APPLICANT: Kimura, Naoki
 TITLE OF INVENTION: THE YS68 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS
 FILE REFERENCE: 06501-107051
 CURRENT APPLICATION NUMBER: US/10/118,513A
 PRIOR FILING DATE: 2002-04-08
 PRIOR APPLICATION NUMBER: PCT/JP00/05756
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: JP 11-288738
 PRIOR FILING DATE: 1998-10-08
 PRIOR APPLICATION NUMBER: JP 11-288739
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 2000-123721
 PRIOR FILING DATE: 2000-04-19
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 2
 LENGTH: 1272
 TYPE: PRT
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: VARIANT
 LOCATION: 1034
 OTHER INFORMATION: Xaa = Any Amino Acid
 US-10-118-513A-2

Query Match 0.7%; Score 7; DB 9; Length 1272;
 Best Local Similarity 100.0%; Pred. No. 5.4e+02;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 362 EDLEGAV 368
 DB 367 EDLEGAV 373

RESULT 67
 US-10-118-513A-8
 Sequence 8, Application US/10118513A
 Publication No. US2003003995A1
 GENERAL INFORMATION:
 APPLICANT: Taga, Tetsuya
 APPLICANT: Kimura, Naoki
 TITLE OF INVENTION: THE YS68 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS
 FILE REFERENCE: 06501-107051
 CURRENT APPLICATION NUMBER: US/10/118,513A
 PRIOR FILING DATE: 2002-04-08
 PRIOR APPLICATION NUMBER: PCT/JP00/05756
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: JP 11-288738
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 11-288739

PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 2000-123721
 PRIOR FILING DATE: 2000-04-19
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 8
 LENGTH: 1272
 TYPE: PRT
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: VARIANT
 LOCATION: 1034
 OTHER INFORMATION: Xaa = Any Amino Acid
 US-10-118-513A-8

Query Match
 Best Local Similarity 0.7%; Score 7; DB 9; Length 1272;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 362 EDLEGAV 368
 Db 367 EDLEGAV 373

RESULT 68
 US-10-118-513A-12
 Sequence 12, Application US/10118513A
 Publication No. US2003003995A1
 GENERAL INFORMATION:
 APPLICANT: Taga, Tatsuya
 TITLE OF INVENTION: THE YS68 GENE INVOLVED IN PRIMITIVE HEMATOPOIESIS
 FILE REFERENCE: 06501-107U51
 CURRENT FILING DATE: US/10/118, 513A
 PRIOR FILING DATE: 2002-04-08
 PRIOR APPLICATION NUMBER: PCT/JP00/05756
 PRIOR FILING DATE: 2000-08-25
 PRIOR APPLICATION NUMBER: JP 11-288738
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 11-288739
 PRIOR FILING DATE: 1999-10-08
 PRIOR APPLICATION NUMBER: JP 2000-123721
 PRIOR FILING DATE: 2000-04-19
 NUMBER OF SEQ ID NOS: 15
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 12
 LENGTH: 2243
 TYPE: PRT
 ORGANISM: Mus musculus
 US-10-118-513A-12

Query Match
 Best Local Similarity 0.7%; Score 7; DB 9; Length 2243;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 362 EDLEGAV 368
 Db 1338 EDLEGAV 1344

RESULT 69
 US-09-950-634-3
 Sequence 3, Application US/09950634
 Publication No. US20030032775A1
 GENERAL INFORMATION:
 APPLICANT: Molnar-Kimber, Katherine L.
 Failli, Amedeo F.
 Caggiano, Thomas J.
 Nakanishi, Koji
 Chen, Yangu
 TITLE OF INVENTION: EFFECTOR PROTEINS OF PAPAYACIN
 NUMBER OF SEQUENCES: 23
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Finnegan, Henderson, Farabow, Garrett &
 STREET: 1300 I Street, N.W.
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20005-3315

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/950,634
 FILING DATE: 13-Sep-2001
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/471,112
 FILING DATE: 06-JUN-1995
 APPLICATION NUMBER: US 08/384,524
 FILING DATE: 13-FEB-1995
 APPLICATION NUMBER: US 08/312,023
 FILING DATE: 26-SEP-1995
 APPLICATION NUMBER: US 08/207,975
 FILING DATE: 08-MAR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Slekmann, Michael T.

REGISTRATION NUMBER: 36,276

REFERENCE/DOCKET NUMBER: 01142.0058-00000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-408-4000

TELEFAX: 202-408-4400

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 2549 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Query Match
 Best Local Similarity 0.7%; Score 7; DB 9; Length 2549;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 594 EASDVGS 600
 Db 575 EASDVGS 581

RESULT 70
 US-09-791-378-132
 Sequence 132, Application US/09791378
 Patent No. US20020142303A1
 GENERAL INFORMATION:
 APPLICANT: Parekh, Rajesh
 TITLE OF INVENTION: PROTEINS, GENES AND THEIR USE FOR DIAGNOSIS AND TREATMENT OF
 FILE REFERENCE: 9195-061-999
 CURRENT FILING DATE: US/09/791,378
 PRIOR FILING DATE: 2001-02-23
 PRIOR APPLICATION NUMBER: 09/750,395
 PRIOR FILING DATE: 2000-12-28
 NUMBER OF SEQ ID NOS: 677
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO: 132
 LENGTH: 12
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-09-791-378-132

Query Match
 0.6%; Score 6; DB 10; Length 12;

Best Local Similarity 100.0%; Pred. No. 89;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 557 TFEHNS 562

Db 1 TFEHNS 6

RESULT 71

US-09-965-536A-41
; Sequence 41, Application US/09965536A
; Publication No. US20030027323A1
; GENERAL INFORMATION:
; APPLICANT: FEDER, J. N.
; APPLICANT: MINTER, G.
; APPLICANT: RAMANATHAN, C. S.
; APPLICANT: HAWKEN, D. R.
; TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGRBWY5,
; TITLE OF INVENTION: EXPRESSED HIGHLY IN BRAIN AND OVARIAN TISSUES
; FILE REFERENCE: D0041NP
; CURRENT APPLICATION NUMBER: US/09/965,536A
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/235,713
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: 60/261,781
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/306,605
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: 60/310,436
; PRIOR FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 61
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: polypeptide
US-09-965-536A-41

Query Match 0.6%; Score 6; DB 9; Length 14;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 648 NKIHSL 653

Db 2 NKIHSL 7

RESULT 72

US-10-012-140-49
; Sequence 49, Application US/10012140
; Publication No. US20030009017A1
; GENERAL INFORMATION:
; APPLICANT: Leiby, Kevin R.
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Glucksmann, Maria A.
; TITLE OF INVENTION: 38650, 28472, 5495, 65507, 81588, AND
; TITLE OF INVENTION: 14354 METHODS AND COMPOSITIONS OF HUMAN PROTEINS AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 381552004900
; CURRENT APPLICATION NUMBER: US/10/012,140
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: 60/246,768
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/246,772
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: 60/249,185
; PRIOR FILING DATE: 2000-11-15
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49

LENGTH: 17
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus amino acid sequence
US-10-012-140-49

Query Match 0.6%; Score 6; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 AILTV 925

Db 6 AILTV 11

RESULT 73

US-09-864-761-34785
; Sequence 34785, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: Aecmlca-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 34785

LENGTH: 18
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:

OTHER INFORMATION: MAP TO AL109946.5
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.2
US-09-864-761-34785

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 987 HLPFG 992
DB 9 HLPFG 14

RESULT 74
US-09-865-553-6
Sequence 6, Application US/09865553
Patent No. US20020055174A1
GENERAL INFORMATION:
APPLICANT: Rltner, Karola
APPLICANT: Jacobs, Eric
TITLE OF INVENTION: Complex for Transferring an Anticancer Substance of Interest
FILE REFERENCE: 032751-050
CURRENT APPLICATION NUMBER: US/09/865,553
CURRENT FILING DATE: 2001-05-29
PRIOR APPLICATION NUMBER: US 60/246,083
PRIOR FILING DATE: 2000-11-07
PRIOR APPLICATION NUMBER: US 60/277,982
PRIOR FILING DATE: 2001-03-23
PRIOR APPLICATION NUMBER: EP 00440162.6
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: EP 01440049.3
PRIOR FILING DATE: 2001-02-27
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn version 3.1
SEQ ID NO 6
LENGTH: 20
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: pPTG20
US-09-865-553-6

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 20;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 25 LMRLL 30
DB 13 LMRLL 18

RESULT 75
US-09-864-761-42677
Sequence 42677, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aeonica-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04

PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 42677
LENGTH: 23
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC007677.2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.95
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.98
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 1.1
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.77
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.7
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.7
US-09-864-761-42677

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 23;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 809 SSGRST 814
DB 17 SSGRST 22

RESULT 76
US-09-974-879-445
Sequence 445, Application US/09974879
Publication No. US20030028003A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 125 Human Secreted Proteins
FILE REFERENCE: P2020P2
CURRENT APPLICATION NUMBER: US/09/974,879
CURRENT FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: US 60/239,893
PRIOR FILING DATE: 2000-10-13

```

; PRIOR APPLICATION NUMBER: US 09/818,683
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: US 09/305,736
; PRIOR FILING DATE: 1999-05-05
; PRIOR APPLICATION NUMBER: PCT/US98/23435
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 60/064,911
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,912
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,983
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,900
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,988
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,987
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,908
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,984
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/064,985
; PRIOR FILING DATE: 1997-11-07
; PRIOR APPLICATION NUMBER: US 60/066,094
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,100
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,089
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,095
; PRIOR FILING DATE: 1997-11-17
; PRIOR APPLICATION NUMBER: US 60/066,090
; PRIOR FILING DATE: 1997-11-17
; NUMBER OF SEQ ID NOS: 611
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 445
; LENGTH: 31
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-974-879-445

```

```

Query Match
Best Local Similarity 100.0%; Score 6; DB 9; Length 31;
Pred. No. 2.1e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 867 IVSSCV 872
DB 16 IVSSCV 21

```

```

RESULT 77
US-10-174-410-261
; Sequence 261, Application US/10174410
; Publication No. US20030073134A1
; GENERAL INFORMATION:
; APPLICANT: Louie, Gordon V.
; APPLICANT: Buchanan, Sean Grant
; APPLICANT: Gajiwala, Ketan S.
; APPLICANT: Sauder, J. Michael
; TITLE OF INVENTION: CRYSTALS AND STRUCTURES OF
; TITLE OF INVENTION: 2C-METHYL-D-ERYTHRITOL, 2,4-CYCLODIPHOSPHATE SYNTHASE MECPs
; FILE REFERENCE: 52498200300
; CURRENT APPLICATION NUMBER: US/10/174,410
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: 60/299,058
; PRIOR FILING DATE: 2001-06-18
; NUMBER OF SEQ ID NOS: 336
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 261
; LENGTH: 32
; TYPE: PRT
; ORGANISM: Zymomonas mobilis

```

US-10-174-410-261

```

Query Match
Best Local Similarity 100.0%; Score 6; DB 9; Length 32;
Pred. No. 2.1e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 894 LPEQRY 899
DB 20 LPEQRY 25

```

```

RESULT 78
US-09-764-904-52
; Sequence 52, Application US/09764904
; Patent No. US20020173454A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA122
; CURRENT APPLICATION NUMBER: US/09/764,904
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-904-52

```

```

Query Match
Best Local Similarity 100.0%; Score 6; DB 9; Length 34;
Pred. No. 2.2e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 528 WKSGKG 533
DB 29 WKSGKG 34

```

```

RESULT 79
US-10-091-548-52
; Sequence 52, Application US/10091548
; Publication No. US20030049703A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PA122C1
; CURRENT APPLICATION NUMBER: US/10/091,548
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 137
; Prior Application removed - See File Wrapper or Palm
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-091-548-52

```

```

Query Match
Best Local Similarity 100.0%; Score 6; DB 9; Length 34;
Pred. No. 2.2e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 528 WKSGKG 533
DB 29 WKSGKG 34

```

```

RESULT 80
US-09-764-860-570
; Sequence 570, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.

```



```
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC008
; CURRENT APPLICATION NUMBER: US/09/764,860
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION DATA REMOVED - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1198
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 570
; LENGTH: 34
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-860-570

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 34;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 528 WKSGKG 533
DB 29 WKSGKG 34

RESULT 81
US-09-986-480-421
; Sequence 421, Application US/09986480
; Publication No. US20030027999A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: 143 Human Secreted Proteins
; FILE REFERENCE: PSS00P1
; CURRENT APPLICATION NUMBER: US/09/986,480
; CURRENT FILING DATE: 2001-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/12788
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 60/134,068
; PRIOR FILING DATE: 1999-05-13
; NUMBER OF SEQ ID NOS: 456
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 421
; LENGTH: 38
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SITE
; LOCATION: (125)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-986-480-421

Query Match
Best Local Similarity 0.6%; Score 6; DB 9; Length 38;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 318 EKGSSS 323
DB 19 EKGSSS 24

RESULT 82
US-09-833-343A-23
; Sequence 23, Application US/09883343A
; Publication No. US20030039632A1
; GENERAL INFORMATION:
; APPLICANT: Stiles, Michael E.
; APPLICANT: Vederas, John C.
; APPLICANT: van Belkum, Marius J.
; APPLICANT: Worobo, Randy W.
; APPLICANT: Greer, G. Gordon
; APPLICANT: McMullen, Lynn M.
; APPLICANT: Leisner, Jorgen J.
; APPLICANT: Poon, Alison
; APPLICANT: Franz, Charles M.A.P.
; TITLE OF INVENTION: No. US20030039632A1Bacteriocins, Transport and Vector System an
```

```
; FILE REFERENCE: 660.0005US
; CURRENT APPLICATION NUMBER: US/09/883,343A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US/08/924,629
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/026,257
; PRIOR FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 41
; TYPE: PRT
; ORGANISM: Divergicin signal peptide;
US-09-883-343A-23

Query Match
Best Local Similarity 0.6%; Score 6; DB 9; Length 41;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 544 NTTTSF 549
DB 35 NTTTSF 40

RESULT 83
US-09-883-343A-24
; Sequence 24, Application US/09883343A
; Publication No. US20030039632A1
; GENERAL INFORMATION:
; APPLICANT: Stiles, Michael E.
; APPLICANT: Vederas, John C.
; APPLICANT: van Belkum, Marius J.
; APPLICANT: Worobo, Randy W.
; APPLICANT: Greer, G. Gordon
; APPLICANT: McMullen, Lynn M.
; APPLICANT: Leisner, Jorgen J.
; APPLICANT: Poon, Alison
; APPLICANT: Franz, Charles M.A.P.
; TITLE OF INVENTION: No. US20030039632A1Bacteriocins, Transport and Vector System an
; FILE REFERENCE: 660.0005US
; CURRENT APPLICATION NUMBER: US/09/883,343A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US/08/924,629
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: US 60/026,257
; PRIOR FILING DATE: 1996-09-05
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 41
; TYPE: PRT
; ORGANISM: divergicin signal peptide
US-09-883-343A-24

Query Match
Best Local Similarity 0.6%; Score 6; DB 9; Length 41;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 544 NTTTSF 549
DB 35 NTTTSF 40

RESULT 84
US-09-864-761-35525
; Sequence 35525, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
```

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/224,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 35525
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AP000346.1
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN HBL100, SIGNAL = 0.98
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 0.9
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.6
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 1.5
OTHER INFORMATION: SWISSPROT HIT: P10265, EVALUATE 1.00e-05
OTHER INFORMATION: EST_HUMAN HIT: BB395061.1, EVALUATE 1.00e-05
US-09-864-761-35525
Query Match 0.6%, Score 6; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 543 ENTITS 548
|||||
Db 6 ENTITS 11

RESULT 85
US-09-864-761-38766
; Sequence 38766, Application US/09864761

Patent No. US20020048763A1
GENERAL INFORMATION:
*APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/224,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 38766
LENGTH: 42
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AP000345.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.4
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 2.6
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.5
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 1.6
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.4
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 2.6
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 2.9
OTHER INFORMATION: SWISSPROT HIT: P10265, EVALUATE 1.00e-05
US-09-864-761-38766
Query Match 0.6%, Score 6; DB 10; Length 42;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 543 ENTITS 548
|||||
Db 6 ENTITS 11

```

RESULT 86
US-09-764-868-1229
; Sequence 1229, Application US/09764868
; Patent No. US20020168711A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT232
; CURRENT APPLICATION NUMBER: US/09/764,868
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 1510
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 1229
; LENGTH: 44
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-764-868-1229

```

```

Query Match          0.6%; Score 6; DB 9; Length 44;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 910 KVGISA 915
DB 25 KVGISA 30

```

```

RESULT 87
US-09-864-761-48866
; Sequence 48866, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Neomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670

```

```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 48866
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AP001208.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.7
; OTHER INFORMATION: EST HUMAN HIT: BE208783.1, EVALUATE 4.00e+00
US-09-864-761-48866

```

```

Query Match          0.6%; Score 6; DB 10; Length 45;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 804 VTGSCS 809
DB 5 VTGSCS 10

```

```

RESULT 88
US-09-925-297-641
; Sequence 641, Application US/09925297
; Patent No. US20020081659A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA105
; CURRENT APPLICATION NUMBER: US/09/925,297
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05989
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 928
; SOFTWARE: Patent Ver. 2.0
; SEQ ID NO 641
; LENGTH: 45
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-297-641

```

```

Query Match          0.6%; Score 6; DB 10; Length 45;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 699 FTLSLC 704
DB 4 FTLSLC 9

```

```

RESULT 89
US-09-864-761-38759
; Sequence 38759, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Neomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761

```

CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 38759
LENGTH: 46
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AB016897.1
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 5.9
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 8.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.9
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 9.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 7.7
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 5.5
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 6.5
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 6.5
US-09-864-761-38759

Query Match 0.6%; Score 6; DB 10; Length 46;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 989 PPRGL 994
DB 10 PPRGL 15
RESULT 90
US-09-864-761-35830
Sequence 35830, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng

TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm:ca-x-1
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 35830
LENGTH: 47
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AL035665.22
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 2.2
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.89
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 6.7
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 1
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 10
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 15
OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 1.9
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.6
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.4
US-09-864-761-35830

Query Match 0.6%; Score 6; DB 10; Length 47;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 33 GTPGV 38
DB 31 GTPGV 36
RESULT 91
US-09-864-761-47976
Sequence 47976, Application US/09864761

```

; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aemica-X-1
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 47976
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC006111.2
; OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 0.77
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.91
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.6
; OTHER INFORMATION: EST HUMAN HIT: AA564923.1, EVALUE 3.90e-01
; OTHER INFORMATION: SWISSPROT HIT: P14873, EVALUE 4.60e+00
; US-09-864-761-47976

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 50;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; Sequence 40434, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: Aemica-X-1
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 40434
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO AC021468.2
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 1.8
; OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.72
; OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 2.2
; OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 1.9
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 2.2
; OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 1.8
; OTHER INFORMATION: EST_HUMAN HIT: W60309.1, EVALUE 2.00e-13
; US-09-864-761-40434

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 51;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

RESULT 92
 US-09-864-761-40434

QY 230 FHSVEL 235
 DB 9 FHSVEL 14

```

US-09-864-761-43095 RESULT 93
; Sequence 43095, Application US/09864761
; Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharon G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecomica-X-1
CURRENT FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 43095
LENGTH: 53
TYPE: PRT
ORGANISM: Homo sapiens
FEATURES:
OTHER INFORMATION: MAP TO AC005064.2
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 8.2
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.82
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.2
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.74
OTHER INFORMATION: SWISSPROT HIT: P24821, EVALUE 3.00e-03
OTHER INFORMATION: EST_HUMAN HIT: AV646584.1, EVALUE 3.00e-25
US-09-864-761-43095
Query Match 0.6%; Score 6; DB 10; Length 53;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Db          30 PKLCSG 35

RESULT 94
US-09-864-761-44361
/ Sequence 44361, Application US/09864761
/ Patent No. US20020048763A1
/ GENERAL INFORMATION:
/ APPLICANT: Penn, Sharon G.
/ APPLICANT: Rank, David R.
/ APPLICANT: Hanzel, David K.
/ APPLICANT: Chen, Weisheng
/ TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
/ FILE REFERENCE: Aemica-X-1
/ CURRENT FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/180,312
/ PRIOR FILING DATE: 2000-02-04
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 09/632,366
/ PRIOR FILING DATE: 2000-08-03
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 09/608,408
/ PRIOR FILING DATE: 2000-06-30
/ PRIOR APPLICATION NUMBER: US 09/774,203
/ PRIOR FILING DATE: 2001-01-29
/ NUMBER OF SEQ ID NOS: 49117
/ SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
SEQ ID NO 44361
LENGTH: 53
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC004954.1
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 0.83
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 0.79
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 0.68
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 0.72
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 0.77
OTHER INFORMATION: EST HUMAN HIT: M46508.1, EVALU 2.20e+00
OTHER INFORMATION: SWISSPROT HIT: Q49378, EVALU 2.40e-01
US-09-864-761-44361

Query Match          0.64; Score 6; DB 10; Length 53;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;

```


us-10-046-433-40.oli.go.raph

	Matches	Conservative	Mismatches	Indels	Gaps
Oy	828	GSLLP 833			
Db	37	GSLLP 42	✓		

US-09-864-761-44370
; Sequence 44370, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION.

/ APPLICANT: Penn, Sharon
 / APPLICANT: Rank, David R.
 / APPLICANT: Hanzel, David K.
 / APPLICANT: Chen, Wensheng
 / TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 / TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
 / FILE REFERENCE: Aecm1ca-X-1
 / CURRENT APPLICATION NUMBER: US/09/864,761
 / CURRENT FILING DATE: 2001-05-23

QY	921	ILL	TVL	926
DB	31	ILL	TVL	36

US-03-864-761-39873
; Sequence 39873, Application US/09864761
; Patent No. US20020048763A1
; GENERAL INFORMATION.

```

/ APPLICANT: Penn, Sharon G.
/ APPLICANT: Rank, David R.
/ APPLICANT: Hanzel, David K.
/ APPLICANT: Chen, Wensheng
/ TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
/ FILE REFERENCE: Aecmiga-X-1
/ CURRENT APPLICATION NUMBER: US/09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/180,312
/ PRIOR FILING DATE: 2000-02-04
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 09/632,366
/ PRIOR FILING DATE: 2000-08-03
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 09/608,408
/ PRIOR FILING DATE: 2000-06-30
/ PRIOR APPLICATION NUMBER: US 09/774,203
/ PRIOR FILING DATE: 2001-01-29
/ NUMBER OF SEQ ID NOS: 49117
/ SOFTWARE: Annomax Sequence Listing Engine vers. 1.1
/ SEQ ID NO 39873
/ LENGTH: 55
/ TYPE: prt
/ ORGANISM: Homo sapiens
/ FEATURE:
/ OTHER INFORMATION: MAP TO AC005906.1
/ OTHER INFORMATION: EXPRESSED IN HEPA, SIGNAL = 2.9
/ OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 4.3
/ OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.4
/ OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 3

```

us-10-046-433-40.01igo.rapb

Tue Apr 22 16:18:07 2003

OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 3.3
 OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.2
 OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 3.3
 OTHER INFORMATION: SWISSPROT HIT: P18625, EVALUATE 4.60e+00
 OTHER INFORMATION: EST_HUMAN HIT: BE621832.1, EVALUATE 2.80e+00
 US-09-864-761-39873

Query Match 0.6%; Score 6; DB 10; Length 55;
 Best Local Similarity 100.0%; Pred. No. 3.4e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 831 LRPCTC 836
 DB 43 LRPCTC 48

RESULT 97
 US-10-114-893-131
 Sequence 131, Application US/10114893
 Publication No. US20020193567A1
 GENERAL INFORMATION:
 APPLICANT: Jacobs, Kenneth
 APPLICANT: McCoy, John M.
 APPLICANT: Lavallie, Edward R.
 APPLICANT: Collins-Racie, Lisa A.
 APPLICANT: Evans, Cheryl
 APPLICANT: Treacy, Maurice
 APPLICANT: Metberg, David
 APPLICANT: Bowman, Michael R.
 APPLICANT: Spaulding, Vikki
 APPLICANT: Carlin-Duckett, McKeough
 APPLICANT: Kelleher, Kerry S.
 APPLICANT: Genetics Institute, Inc.
 TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
 FILE REFERENCE: GI 6000-104
 CURRENT APPLICATION NUMBER: US/10/114,893
 CURRENT FILING DATE: 2002-04-02
 EARLIER APPLICATION NUMBER: 09/413,232
 EARLIER FILING DATE: 1999-10-06
 NUMBER OF SEQ ID NOS: 321
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 131
 LENGTH: 56
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: UNSURE
 LOCATION: (17)
 US-10-114-893-131

Query Match 0.6%; Score 6; DB 9; Length 56;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 855 ACPLCS 860
 DB 31 ACPLCS 36

RESULT 98
 US-10-102-806-826
 Sequence 826, Application US/10102806
 Publication No. US20030054421A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et al.
 TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
 FILE REFERENCE: PA103P1C1
 CURRENT APPLICATION NUMBER: US/10/102,806
 CURRENT FILING DATE: 2002-03-22
 PRIOR APPLICATION NUMBER: 09/925,298
 PRIOR FILING DATE: 2001-08-10
 PRIOR APPLICATION NUMBER: PCT/US00/05881
 PRIOR FILING DATE: 2000-03-08

PRIOR APPLICATION NUMBER: 60/124,270
 PRIOR FILING DATE: 1999-03-12
 NUMBER OF SEQ ID NOS: 846
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 826
 LENGTH: 56
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 NAME/KEY: SITE
 LOCATION: (48)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 LOCATION: (56)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 US-10-102-806-826

Query Match 0.6%; Score 6; DB 9; Length 56;
 Best Local Similarity 100.0%; Pred. No. 3.5e+02;
 Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 KLPASG 374
 DB 30 KLPASG 35

RESULT 99
 US-09-864-761-42647
 Sequence 42647, Application US/09864761
 Patent No. US20020048763A1
 GENERAL INFORMATION:
 APPLICANT: Penn, Sharon G.
 APPLICANT: Hank, David R.
 APPLICANT: Hanzel, David K.
 APPLICANT: Chen, Wensheng
 TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
 FILE REFERENCE: Aeomica-X-1
 CURRENT APPLICATION NUMBER: US/09/864,761
 CURRENT FILING DATE: 2001-05-23
 PRIOR APPLICATION NUMBER: US 60/180,312
 PRIOR FILING DATE: 2000-02-04
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: US 09/632,366
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00662
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00661
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00670
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: US 60/234,687
 PRIOR FILING DATE: 2000-09-21
 PRIOR APPLICATION NUMBER: US 09/608,408

PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 42647
LENGTH: 56
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO AC007539.8
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 6.5
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 5.9
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 7.9
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 9.7
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 3.9
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 4.6
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 7.4
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.4
OTHER INFORMATION: SWISSPROT HIT: P40024, EVALUE 7.00e-01
US-09-864-761-42647

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 56;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 852 SNAACP 857
DB 41 SNAACP 46

RESULT 100
US-09-864-761-33648
Sequence 33648, Application US/09864761
Patent No. US20020048763A1
GENERAL INFORMATION:
APPLICANT: Penn, Sharron G.
APPLICANT: Rank, David R.
APPLICANT: Hanzel, David K.
APPLICANT: Chen, Wensheng
TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
FILE REFERENCE: Aecm1ca-X-1
CURRENT APPLICATION NUMBER: US/09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/180,312
PRIOR FILING DATE: 2000-02-04
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 09/632,366
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 09/608,408
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: US 09/774,203
PRIOR FILING DATE: 2001-01-29
NUMBER OF SEQ ID NOS: 49117
SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
SEQ ID NO 33648
LENGTH: 61
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: MAP TO Z93930.10
OTHER INFORMATION: EXPRESSED IN BT474, SIGNAL = 43
OTHER INFORMATION: EXPRESSED IN HEL100, SIGNAL = 11
OTHER INFORMATION: EXPRESSED IN FETAL LIVER, SIGNAL = 20
OTHER INFORMATION: EXPRESSED IN LUNG, SIGNAL = 8.8
OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 3.8
OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 4.6
OTHER INFORMATION: EXPRESSED IN BONE MARROW, SIGNAL = 3.1
OTHER INFORMATION: EXPRESSED IN BRAIN, SIGNAL = 1.7
OTHER INFORMATION: EXPRESSED IN HELA, SIGNAL = 22
OTHER INFORMATION: EXPRESSED IN ADULT LIVER, SIGNAL = 25
OTHER INFORMATION: EST HUMAN HIT: BE081556.1, EVALUE 1.00e-34
OTHER INFORMATION: SWISSPROT HIT: P17861, EVALUE 2.00e-35
OTHER INFORMATION: EST_HUMAN HIT: AW996402.1, EVALUE 2.00e-34
US-09-864-761-33648

Query Match
Best Local Similarity 0.6%; Score 6; DB 10; Length 61;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 805 TOSCSS 810
DB 12 TOSCSS 17

Search completed: April 22, 2003, 15:36:56
Job time: 43 secs

